

Granville Oil & Chemicals Ltd.

29 Goldthorpe Ind. Est., Goldthorpe, Rotherham, S63 9BL, ENGLAND Tel: +44(0)1709 890099 • granvilleoil.com

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 8/12/2024 Revision date: 9/6/2024 Supersedes version of: 8/12/2024 Version: 1.1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture

Product name : G+ Pro Stonechip Aero Black

Product code : 0989

UFI : 4A50-80GG-A007-EXRT

Vaporizer : Aerosol

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses

Intended for general public

#### 1.3. Details of the supplier of the safety data sheet

#### Granville Oil & Chemicals Ltd

29 Goldthorpe Ind. Est Goldthorpe Rotherham South Yorkshire S63 9BL

T 01709 890099 lab@granvilleoil.com

#### Veedol Ireland Ltd

77 Camden Street Lower

Saint Kevin's Dublin Ireland D02 XE80

T +353 151 363 47

### 1.4. Emergency telephone number

Emergency number : +44 (0)1709 890099

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1 H222;H229
Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity – Single exposure, Category 3,
Narcosis H336
H412

Hazardous to the aquatic environment - Chronic Hazard,

Category 3

Full text of H- and EUH-statements: see section 16

### Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

## 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02



GHS

GHS07



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Signal word (CLP) : Danger
Contains : ACETONE

UFI : 4A50-80GG-A007-EXRT

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.
P271 - Use only outdoors or in a well-ventilated area.

P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

EUH-statements : EUH208 - Contains (S)-p-mentha-1,8-diene(5989-54-8), 2-BUTANONE OXIME(96-29-7),

COBALT BIS(2-ETHYLHEXANOATE)(136-52-7), PHTHALIC ANHYDRIDE(85-44-9). May

produce an allergic reaction.

## 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ACETONE	CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 REACH-no: 01-2119471330-	30 – 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
PETROLEUM GASES, LIQUEFIED	CAS-No.: 68476-85-7 EC-No.: 270-704-2 EC Index-No.: 649-202-00-6	30 – 50	Flam. Gas 1, H220
HYDROCARBONS, C9-12, N-ALKANES, ISOALKANES, CYCLICS, (2-25%) AROMATICS	EC-No.: 919-446-0 REACH-no: 01-2119458049- 33	1 – 10	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	EC-No.: 919-857-5	1 – 10	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
HYDROCARBONS, C9, AROMATICS	CAS-No.: 64742-95-6 EC-No.: 918-668-5	1 – 10	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411



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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(S)-p-mentha-1,8-diene	CAS-No.: 5989-54-8 EC-No.: 227-815-6 EC Index-No.: 601-029-00-7	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-BUTANONE OXIME	CAS-No.: 96-29-7 EC-No.: 202-496-6 EC Index-No.: 616-014-00-0	< 1	Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351
2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT	CAS-No.: 22464-99-9 EC-No.: 245-018-1	< 1	Repr. 2, H361d
PHTHALIC ANHYDRIDE	CAS-No.: 85-44-9 EC-No.: 201-607-5 EC Index-No.: 607-009-00-4	<1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1, H317 STOT SE 3, H335
COBALT BIS(2-ETHYLHEXANOATE)	CAS-No.: 136-52-7 EC-No.: 205-250-6	<1	Eye Irrit. 2, H319 Skin Sens. 1A, H317 Repr. 1B, H360 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

Full text of H- and EUH-statements: see section 16

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

First-aid measures for first aider : First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this

material is expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

## 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



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## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Pressurised container: May burst if heated.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

Absorb spillage to prevent material damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing

dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

Additional hazards when processed Precautions for safe handling

- : Not expected to present a significant hazard under anticipated conditions of normal use.
- : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

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Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked

up. Store in a well-ventilated place. Keep container tightly closed.

Packaging materials : Store always product in container of same material as original container.

**Switzerland** 

Storage class (LK) : LK 2 - Liquefied or pressurized gases

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

National occupational exposure and biological limit values

PETROLEUM GASES, LIQUEFIED (68476-85-7)		
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA)	< 1750 mg/m³	
WEL STEL (OEL STEL)	< 2180 mg/m³	

#### 8.2. Exposure controls

### **Appropriate engineering controls**

### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protection equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Personal protective equipment symbol(s):







#### Eye and face protection

### Eye protection:

Safety glasses

#### Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

### **Respiratory protection**

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment



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#### **Environmental exposure controls**

#### **Environmental exposure controls:**

Avoid release to the environment.

## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Black.
Odour
Odour : Characteristic.
Odour threshold : Not available
Melting point : Not applicable
Freezing point : Not available
Boiling point : Not available

Flammability : Extremely flammable aerosol.

Explosive properties : Pressurised container: May burst if heated.

Lower explosion limit : Not available : Not available Upper explosion limit : < 23 °C Flash point Auto-ignition temperature : Not available Decomposition temperature : Not available : Not available рH : Not available Viscosity, kinematic Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available Density : Not available : Not available Relative density : Not available Relative vapour density at 20°C Particle characteristics : Not applicable

#### 9.2. Other information

### Information with regard to physical hazard classes

% of flammable ingredients : 96.18617075 %

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.



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## **SECTION 11: Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified
Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

HYDROCARBONS, C9-12, N-ALKANES, ISOALKANES, CYCLICS, (2-25%) AROMATICS			
STOT-single exposure May cause drowsiness or dizziness.			
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			
STOT-single exposure May cause drowsiness or dizziness.			
HYDDOCADDONS CO ADOMATICS (64742.05.6)			

## HYDROCARBONS, C9, AROMATICS (64742-95-6)

STOT-single exposure May cause drowsiness or dizziness. May cause respiratory irritation.

#### PHTHALIC ANHYDRIDE (85-44-9)

STOT-single exposure May cause respiratory irritation.

### **ACETONE (67-64-1)**

STOT-single exposure May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified Aspiration hazard : Not classified

#### **GRANVILLE G+ PRO STONE CHIP BLACK PAINT 0989 P105 NPD13609**

Vaporizer Aerosol

## 11.2. Information on other hazards

No additional information available

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Not classified

(acute

Hazardous to the aquatic environment, long-term : Harmful to aquatic life with long lasting effects.

(chronic)

HYDROCARBONS, C9, AROMATICS (64742-95-6)		
LC50 - Fish [1]	9.2 mg/l	
EC50 - Other aquatic organisms [1]	3.2 mg/l	



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## 12.2. Persistence and degradability

GRANVILLE G+ PRO STONE CHIP BLACK PAINT 0989 P105 NPD13609				
Persistence and degradability	Not rapidly degradable			
HYDROCARBONS, C9-12, N-ALKANES, ISOAL	KANES, CYCLICS, (2-25%) AROMATICS			
Persistence and degradability	Not rapidly degradable			
Hydrocarbons, C9-C11, n-alkanes, isoalkanes	, cyclics, <2% aromatics			
Persistence and degradability	Not rapidly degradable			
HYDROCARBONS, C9, AROMATICS (64742-95	5-6)			
Persistence and degradability	Not rapidly degradable			
(S)-p-mentha-1,8-diene (5989-54-8)				
Persistence and degradability	Not rapidly degradable			
2-BUTANONE OXIME (96-29-7)				
Persistence and degradability	Not rapidly degradable			
2-ETHYLHEXANOIC ACID, ZIRCONIUM SALT (	(22464-99-9)			
Persistence and degradability	Not rapidly degradable			
COBALT BIS(2-ETHYLHEXANOATE) (136-52-7	7)			
Persistence and degradability	Not rapidly degradable			
PHTHALIC ANHYDRIDE (85-44-9)				
Persistence and degradability	Not rapidly degradable			
ACETONE (67-64-1)				
Persistence and degradability	Not rapidly degradable			
PETROLEUM GASES, LIQUEFIED (68476-85-7)				
Persistence and degradability	Not rapidly degradable			

### 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available



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## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

## **SECTION 14: Transport information**

In accordance with ADR

	ADR	
	ADIX	
14.1. UN number or ID number		
	UN 1950	
14.2. UN proper shipping name		
	AEROSOLS	
Transport document description		
	UN 1950 AEROSOLS, 2.1, (D)	
14.3. Transport hazard class(es)		
	2.1	
	2	
14.4. Packing group		

Not applicable

## 14.5. Environmental hazards

Dangerous for the environment: No

No supplementary information available

### 14.6. Special precautions for user

### Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP200

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9

Transport category (ADR) : 2

Special provisions for carriage - Packages (ADR) : V14

Special provisions for carriage - Loading, unloading : CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code (ADR) : D

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable



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## **SECTION 15: Regulatory information**

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **EU-Regulations**

#### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### **Dual-Use Regulation (428/2009)**

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

#### **Explosives Precursors Regulation (2019/1148)**

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported within 24 hours.

Name		Nomenclature	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Acetone	67-64-1	2914 11 00	ex 3824 99 92

#### **Drug Precursors Regulation (273/2004)**

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.		Category, Subcategory	Threshold	Annex
Acetone		67-64-1	2914 11 00	Category 3		Annex I

### **National regulations**

### France

Occupational diseases			
Code	Description		
RG 66	Occupational rhinitis and asthma		
RG 66 BIS	Hypersensitivity pneumonitis		
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide		



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#### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).

Observe restrictions according Act on the Protection of Young People in Employment

(JArbSchG).

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

**Netherlands** 

Vruchtbaarheid

SZW-lijst van kankerverwekkende stoffen : 2-BUTANONE OXIME,PETROLEUM GASES, LIQUEFIED are listed

SZW-lijst van mutagene stoffen : PETROLEUM GASES, LIQUEFIED is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

**Denmark** 

Class for fire hazard : Class II-1
Store unit : 5 liter

Classification remarks : R10 <H222;H229;H319;H336;H412>; Emergency management guidelines for the storage of

flammable liquids must be followed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with

the product

The requirements from the Danish Working Environment Authorities regarding work with

carcinogens must be followed during use and disposal

**Poland** 

Polish National Regulations : Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item

322 as amended; consolidated text J. o L. 2019, item 1225).

Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J.

o L. 2020, item 797).

The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of

packaging and packaging waste (J. o L. 2016, item 1863 as amended).

Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o

L. 2014, item 1923).

Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item

1367 as amended; consolidated text J. o L. 2020, item 154).

The ADR Agreement - Annex to the J. o L. of 26 April 2019 Government Statement of 18 February 2019 on the entry into force of the amendments to Annex A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR),

signed in Geneva on 30 September 1957 (J. o L. 2019, item 769)

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work

environment (J. o L. item 1286 as amended).

The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of

16 September 2016, item 1488)

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended). Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out



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# **SECTION 16: Other information**

Abbreviations and acronyms:			
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road		
ATE	Acute Toxicity Estimate		
BCF	Bioconcentration factor		
BLV	Biological limit value		
BOD	Biochemical oxygen demand (BOD)		
COD	Chemical oxygen demand (COD)		
DMEL	Derived Minimal Effect level		
DNEL	Derived-No Effect Level		
EC-No.	European Community number		
EC50	Median effective concentration		
EN	European Standard		
IARC	International Agency for Research on Cancer		
IATA	International Air Transport Association		
IMDG	International Maritime Dangerous Goods		
LC50	Median lethal concentration		
LD50	Median lethal dose		
LOAEL	Lowest Observed Adverse Effect Level		
NOAEC	No-Observed Adverse Effect Concentration		
NOAEL	No-Observed Adverse Effect Level		
NOEC	No-Observed Effect Concentration		
OECD	Organisation for Economic Co-operation and Development		
OEL	Occupational Exposure Limit		
PBT	Persistent Bioaccumulative Toxic		
PNEC	Predicted No-Effect Concentration		
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail		
SDS	Safety Data Sheet		
STP	Sewage treatment plant		
ThOD	Theoretical oxygen demand (ThOD)		
TLM	Median Tolerance Limit		
VOC	Volatile Organic Compounds		
CAS-No.	Chemical Abstract Service number		
N.O.S.	Not Otherwise Specified		
vPvB	Very Persistent and Very Bioaccumulative		
ED	Endocrine disruptor		



Granville Oil & Chemicals Ltd.

29 Goldthorpe Ind. Est., Goldthorpe, Rotherham, S63 9BL, ENGLAND Tel: +44(0)1709 890099 • granvilleoil.com

Acute Tox. 4 (Oral) Aquatic Acute 1 Aquatic Acute 1 Aquatic Acute 1 Aquatic Chronic 1 Hazardous to the aquatic environment – Acute Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic Hazard, Category 2 Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 2 Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 2 Asp. Tox. 1 Aspiration hazard, Category 4 Carc. 2 Carcinogenicity, Category 2 EUH208 Contains (S)-p-mentha-1,8-diene(\$989-\$4-8), 2-BUTANONE OXIME(\$6-29-7), COBALT BIS(2-ETH/L-EXANOXTE)(\$13-85-27), PHTHALIC ANHYDRIDE(\$6-44-9), May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 2 Filam. Cas 1 Filam. Liq. 2 Filammable igases, Category 1 Filam. Liq. 3 Filammable iguids, Category 2 Filam. Liq. 3 Filammable iguids, Category 2 Filam. Liq. 3 Filammable iguids, Category 3 HZ20 Extremely filammable aerosol. HZ22 Extremely filammable aerosol. HZ22 Filammable iguid and vapour. HZ28 Filammable iguid and vapour. HZ29 Pressurised container: May burst if heated. H300 Harmful if swallowed. H301 H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H316 Causes serious eye damage. H317 May cause an allergic skin reaction. H338 May cause engiratory irritation. H338 May cause engiratory irritation. H339 May cause drowsiness or dzziness. H350 May cause drowsiness or dzziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361 Very toxic to aquatic life with long lasting effects. H410 Very toxic to aquatic life with long lasting effects.	Full text of H- and EU	IH-statements:
Aquatic Acute 1 Hazardous to the aquatic environment – Acute Hazard, Category 1 Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic Hazard, Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment – Chronic Hazard, Category 2 Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 3 Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 3 Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 3 Aquatic Chronic 3 Carcinogenicity, Category 2 Carcinogenicity, Category 2 EUH208 Contains (S)-p-menth-1,8-diene(5989-54-8), 2-BUTANONE OXIME(96-29-7), COBALT BIS(2-ETHYLHEXANOATE)(185-62-7), PHTHALIC ANHYDRIDE(95-64-9), May produce an allergic reaction.  Eye Imit. 2 Serious eye damage/eye irritation, Category 1 Eye Imit. 2 Flammable gases, Category 1 Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 H220 Extremely flammable liquids and vapour.  H226 Flammable liquid and vapour.  H227 Extremely flammable liquid and vapour.  H228 Pressured container: May burst if heated.  H300 May be fatal if swallowed and enters airways.  H315 Causes shi irritation.  H316 Causes serious eye damage.  H317 May cause an allergic skin reaction.  H338 May cause respiratory irritation.  H339 May cause respiratory irritation.  H330 May cause respiratory irritation.  H331 Suspected of damaging the unborn child.  H333 Suspected of aquatic life with long lasting effects.  H410 Very toxic to aquatic life with long lasting effects.	Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Aquatic Chronic 1 Hazardous to the aquatic environment — Chronic Hazard. Category 1 Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Aquatic Chronic 3 Hazardous to the aquatic environment — Chronic Hazard, Category 3 Asp. Tox. 1 Aspiration hazard, Category 1 Asp. Tox. 1 Aspiration hazard, Category 1 Cardinagenicity, Category 2 EUH208 Contains (Shy-mentha-1.8-diene(988-94-8), 2-BUTANONE OXIME(96-29-7), COBALT BIS(2-ETHYLHEXANOATE)(136-52-7), PHTHALIC ANHYDRIDE(85-44-9), May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 2 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Flam. Gas 1 Flammable gases, Category 1 Flam. Liq. 2 Flammable iquids, Category 2 Flam. Liq. 3 Flammable iquids, Category 3 HZ20 Extremely flammable aerosol. HZ22 Extremely flammable aerosol. HZ23 Highly flammable iquid and vapour. HZ24 Highly flammable iquid and vapour. HZ25 Flammable iquid and vapour. HZ26 Flammable iquid and vapour. HZ27 Pressurised container: May burst if heated. H304 May be fatal if swallowed and enters airways. H312 Harmful if swellowed. H315 Causes skin irritation. H316 Causes serious eye damage. H319 Causes serious eye damage. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause respiratory irritation. H337 May cause respiratory irritation. H338 May cause drowsiness or dzziness. H339 May cause respiratory irritation. H330 May cause drowsiness or dzziness. H351 Suspected of damaging the unborn child. H400 Very toxic to aquatic life with long lasting effects. H410 Very toxic to aquatic life with long lasting effects.	Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2 Aquatic Chronic 3 Hazardous to the aquatic environment — Chronic Hazard, Category 3 Asp. Tox. 1 Aspiration hazard, Category 1 Carc. 2 Carcinogenicity, Category 2 Contains (S)-p-mentha-1,8-dione(5889-54-8), 2-BUTANONE OXIME(96-29-7), COBALT BIS(2-ETHYLHE XANOATE)(156-52-7), PHTHALIC ANHYDRIDE(85-44-9), May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Flam. Gas 1 Flammable liquids, Category 2 Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Flammable liquids, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 H220 Extremely flammable ages. H222 Extremely flammable ages. H222 Extremely flammable liquid and vapour. H229 Pressurised container: May burst if heated. H300 Harmful if swallowed H300 Harmful if swallowed H301 Harmful in contact with skin. H312 Harmful in contact with skin. H315 Causes skin irritation. H316 Causes serious eye damage. H319 Causes serious eye damage. H3319 Causes serious eye damage. H3336 May cause an allergic skin reaction. H336 May cause are sliergy or asthma symptoms or breathing difficulties if inhaled. H336 May cause are sliergy or asthma symptoms or breathing difficulties if inhaled. H336 May cause downless or dizziness. H351 Suspected of causing canoer. H366 May damage fertility or the unborn child. H400 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 3  Asp. Tox. 1 Aspiration hazard, Category 1  Carc. 2 Carcinogenicity, Category 2  EUH208 Contains (S)-p-mentha-1;8-diene(5989-54-8), 2-BUTANONE OXIME(96-29-7), COBALT BIS(2-ETHYLHEXANONETH/EASADCATE), PHTHALIC ANHYDRIDE(85-44-9). May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1  Eye Irrit. 2 Serious eye damage/eye irritation, Category 2  Flam. Liq. 2 Flammable liquids, Category 2  Flam. Liq. 3 Flammable liquids, Category 2  Flam. Liq. 3 Flammable liquids, Category 3  H220 Extremely flammable agas.  H222 Extremely flammable agas.  H222 Extremely flammable injuid and vapour.  H226 Flammable liquid and vapour.  H229 Pressurised container: May bust if heated.  H302 Harmful if swallowed.  H302 Harmful if swallowed.  H304 May be fatal if swallowed and enters airways.  H315 Causes skin irritation.  H316 Causes serious eye irritation.  H317 May cause an allergic skin reaction.  H338 May cause an allergic skin reaction.  H339 May cause an elergic skin reaction.  H330 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H336 May cause drowsiness or dizziness.  H337 Suspected of causing cancer.  H380 May damage ferelity or the unborn child.  H381 Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.	Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Asp. Tox. 1 Aspiration hazard, Category 1 Carc. 2 Carcinogenicity, Category 2 EUH208 Contains (S)-p-mentha-1.8-diene(S889-54-8), 2-BUTANONE OXIME(96-29-7), COBALT BIS(2-ETHYLHEXANOATE)(136-52-7), PHTHALIC ANHYDRIDE(85-44-9), May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Flam. Gas 1 Flammable gases, Category 2 Flam. Gas 1 Flammable liquids, Category 2 Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 H220 Extremely flammable gas. H221 Extremely flammable agos. H222 Extremely flammable alquid and vapour. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H300 Harmful if swallowed. H301 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause despiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H361 Suspected of causing cancer. H3610 Very toxic to aquatic life with long lasting effects. H410 Very toxic to aquatic life with long lasting effects.	Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Carc. 2 Carcinogenicity, Category 2  EUH208 Contains (S)-p-mentha-1,8-diene(5989-54-8), 2-BUTANONE OXIME(96-29-7), COBALT BIS(2-ETHYLHEXANOATE)(136-52-7), PHTHALIC ANHYDRIDE(83-44-9). May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1  Eye Irrit. 2 Serious eye damage/eye irritation, Category 2  Flam. Gas 1 Flammable gases, Category 1  Flam. Liq. 2 Flammable liquids, Category 2  Flam. Liq. 3 Flammable liquids, Category 3  H220 Extremely flammable gase.  H222 Extremely flammable acrosol.  H225 Highly flammable liquid and vapour.  H226 Flammable liquid and vapour.  H227 Perssurised container: May burst if heated.  H300 Harmful if swallowed.  H300 May be fatal if swallowed and enters airways.  H311 Causes sion intation.  H315 Causes serious eye damage.  H318 Causes serious eye irritation.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335 May cause respiratory irritation.  H336 May cause drowsiness or dizziness.  H351 Suspected of ausing cancer.  H360 May damage fertility or the unborn child.  H361 Suspected of damaging the unbom child.  H361 Very toxic to aquatic life with long lasting effects.  H410 Very toxic to aquatic life with long lasting effects.	Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH208 Contains (S)-p-mentha-1,8-diene(5989-54-8), 2-BUTANONE OXIME(96-29-7), COBALT BIS(2-ETHYLHEXANOATE)(138-52-7), PHTHALIC ANHYDRIDE (85-44-9). May produce an allergic reaction.  Eye Dam. 1 Serious eye damage/eye irritation, Category 1  Eye Irrit. 2 Serious eye damage/eye irritation, Category 2  Flam. Gas 1 Flammable gass, Category 1  Flam. Liq. 2 Flammable liquids, Category 3  H220 Extremely flammable gas.  H222 Extremely flammable aerosol.  H225 Highly flammable liquid and vapour.  H226 Flammable liquid and vapour.  H229 Pressurised container: May burst if heated.  H300 Harmful if swallowed and enters airways.  H311 Harmful in contact with skin.  H315 Causes skin irritation.  H317 May cause an allergic skin reaction.  H318 Causes serious eye damage.  H319 Causes serious eye irritation.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335 May cause drowsiness or dizziness.  H336 May cause drowsiness or dizziness.  H337 May damage fertility or the unborn child.  H338 Suspected of causing cancer.  H369 Very toxic to aquatic life with long lasting effects.  H410 Very toxic to aquatic life with long lasting effects.	Asp. Tox. 1	Aspiration hazard, Category 1
ETHYLHEXANOATE)(136-52-7), PHTHALIC ANHYDRIDE (85-44-9). May produce an allergic reaction.  Eye Imrt. 2 Serious eye damage/eye irritation, Category 2  Flam. Gas 1 Flammable gases, Category 1  Flam. Liq. 2 Flammable liquids, Category 2  Flam. Liq. 3 Flammable liquids, Category 3  H220 Extremely flammable gas.  H222 Extremely flammable aerosol.  H225 Highly flammable liquid and vapour.  H226 Flammable liquid and vapour.  H229 Pressurised container: May burst if heated.  H300 Harmful if swallowed.  H301 Harmful if swallowed and enters airways.  H312 Harmful if swallowed and enters airways.  H315 Causes skin irritation.  H316 Causes skin irritation.  H317 May cause an allergic skin reaction.  H334 May cause are pictus eye damage.  H319 Causes serious eye irritation.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335 May cause drowsiness or dizziness.  H336 May cause drowsiness or dizziness.  H337 Suspected of causing cancer.  H360 Very toxic to aquatic life with long lasting effects.  H410 Very toxic to aquatic life with long lasting effects.	Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Flam. Gas 1 Flammable gases, Category 1 Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H300 Harmful if swallowed. H300 Harmful if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H316 Causes serious eye damage. H319 Causes serious eye damage. H334 May cause an allergic skin reaction. H335 May cause and largy or asthma symptoms or breathing difficulties if inhaled. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H361d Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	EUH208	
Flam. Gas 1 Flammable gases, Category 1 Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 HZ20 Extremely flammable gas. HZ22 Extremely flammable aerosol. HZ25 Highly flammable liquid and vapour. HZ26 Flammable liquid and vapour. HZ29 Pressurised container: May burst if heated. HZ29 Pressurised container: May burst if heated. HZ29 Harmful if swallowed. HZ20 Harmful in contact with skin. HZ21 Harmful in contact with skin. HZ22 Causes skin irritation. HZ23 Harmful in contact with skin. HZ315 Causes skin irritation. HZ317 May cause an allergic skin reaction. HZ318 Causes serious eye damage. HZ319 Causes serious eye irritation. HZ334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. HZ335 May cause drowsiness or dizziness. HZ36 May cause drowsiness or dizziness. HZ36 Suspected of causing cancer. HZ36 Way damage fertility or the unborn child. HZ361 Suspected of damaging the unborn child. HZ361 Very toxic to aquatic life with long lasting effects. HZ411 Toxic to aquatic life with long lasting effects.	Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 2 Flammable liquids, Category 2 Flam. Liq. 3 Flammable liquids, Category 3 H220 Extremely flammable aerosol. H222 Extremely flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H300 Harmful if swallowed. H301 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H361 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3 Flammable liquids, Category 3 H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H300 Harmful if swallowed. H301 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H316 Causes serious eye damage. H319 Causes serious eye irritation. H318 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause drowsiness or dizziness. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	Flam. Gas 1	Flammable gases, Category 1
H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H3002 Harmful if swallowed. H3004 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause drowsiness or dizziness. H336 May cause drowsiness or dizziness. H336 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	Flam. Liq. 2	Flammable liquids, Category 2
H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H300 Harmful if swallowed. H300 May be fatal if swallowed and enters airways. H311 Harmful in contact with skin. H312 Causes skin irritation. H313 May cause an allergic skin reaction. H314 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	Flam. Liq. 3	Flammable liquids, Category 3
H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause frowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	H220	Extremely flammable gas.
H226 Flammable liquid and vapour. H229 Pressurised container: May burst if heated. H300 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Harmful in contact with skin. H316 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	H222	Extremely flammable aerosol.
H229 Pressurised container: May burst if heated. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.	H225	Highly flammable liquid and vapour.
Hamful if swallowed.  Hamful in contact with skin.  Harmful in contact with skin.  Harmful in contact with skin.  Causes skin irritation.  Half Causes serious eye damage.  Half Causes serious eye irritation.  Half May cause allergy or asthma symptoms or breathing difficulties if inhaled.  Half May cause respiratory irritation.  Half May cause drowsiness or dizziness.  Half Suspected of causing cancer.  Half Suspected of damaging the unborn child.  Half Suspected of damaging the unborn child.  Half Very toxic to aquatic life with long lasting effects.  Half Toxic to aquatic life with long lasting effects.  Half Harmful to aquatic life with long lasting effects.	H226	Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.  H312 Harmful in contact with skin.  H315 Causes skin irritation.  H317 May cause an allergic skin reaction.  H318 Causes serious eye damage.  H319 Causes serious eye irritation.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335 May cause respiratory irritation.  H336 May cause drowsiness or dizziness.  H351 Suspected of causing cancer.  H360 May damage fertility or the unborn child.  H361d Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H229	Pressurised container: May burst if heated.
H312 Harmful in contact with skin.  H315 Causes skin irritation.  H317 May cause an allergic skin reaction.  H318 Causes serious eye damage.  H319 Causes serious eye irritation.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335 May cause respiratory irritation.  H336 May cause drowsiness or dizziness.  H351 Suspected of causing cancer.  H360 May damage fertility or the unborn child.  H361d Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H302	Harmful if swallowed.
H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.	H304	May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.	H312	Harmful in contact with skin.
H318 Causes serious eye damage. H319 Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.	H315	Causes skin irritation.
H319 Causes serious eye irritation.  H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335 May cause respiratory irritation.  H336 May cause drowsiness or dizziness.  H351 Suspected of causing cancer.  H360 May damage fertility or the unborn child.  H361d Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H317	May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H335 May cause respiratory irritation.  H336 May cause drowsiness or dizziness.  H351 Suspected of causing cancer.  H360 May damage fertility or the unborn child.  H361d Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H318	Causes serious eye damage.
H335 May cause respiratory irritation.  H336 May cause drowsiness or dizziness.  H351 Suspected of causing cancer.  H360 May damage fertility or the unborn child.  H361d Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H319	Causes serious eye irritation.
H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer. H360 May damage fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351 Suspected of causing cancer.  H360 May damage fertility or the unborn child.  H361d Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H335	May cause respiratory irritation.
H360 May damage fertility or the unborn child.  H361d Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H336	May cause drowsiness or dizziness.
H361d Suspected of damaging the unborn child.  H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H351	Suspected of causing cancer.
H400 Very toxic to aquatic life.  H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H360	May damage fertility or the unborn child.
H410 Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H361d	Suspected of damaging the unborn child.
H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.	H400	Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.	H410	Very toxic to aquatic life with long lasting effects.
	H411	Toxic to aquatic life with long lasting effects.
Repr. 1B Reproductive toxicity, Category 1B	H412	Harmful to aquatic life with long lasting effects.
	Repr. 1B	Reproductive toxicity, Category 1B



#### Granville Oil & Chemicals Ltd.

29 Goldthorpe Ind. Est., Goldthorpe, Rotherham, S63 9BL, ENGLAND Tel: +44(0)1709 890099 • granvilleoil.com

Full text of H- and EUH-statements:	
Repr. 2	Reproductive toxicity, Category 2
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.