

# SAFETY DATA SHEET

 according to regulation 1907/2006**Product name: LITTLE JOE RED CHERRY****Creation date: 14.03.2022, Revision: 10.10.2022, version: 1.0**

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product name

LITTLE JOE RED CHERRY

Product code

LJ-108

UFI:

SMP5-QEW0-3206-7PFT

<https://my.chemius.net/p/c4sPef/en/pd/en>

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

Relevant identified uses

Air freshener.

Uses advised against

No information.

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

Supplier

Kraco Car Care International Ltd.  
Pioneer House, Pioneer Business Park, North Road  
CH65 1AD Ellesmere Port, United Kingdom  
+44 (0) 161 927 7000

Manufacturer

Drive Italy S.r.l.  
Via Molinaretti 16  
Castelli Calepio BG, Italy  
+39 (0) 35 039 0120  
info@drive-italy.com

### 1.4 Emergency Telephone Number

Emergency

112

Supplier

+44 (0) 161 927 7000

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Acute Tox. 4; H302 Harmful if swallowed.

Skin Sens. 1; H317 May cause an allergic skin reaction.

Aquatic Acute 1; H400 Very toxic to aquatic life.

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

### 2.2 Label elements

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

**Signal word: Warning**

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H410 Very toxic to aquatic life with long lasting effects.

P102 Keep out of reach of children.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

**Contains:**

benzyl benzoate

benzaldehyde

3,7-dimethyloctan-3-ol

methyl cinnamate

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

For mixtures see 3.2.

**3.2 Mixtures**

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	Notes for substances
benzyl benzoate	120-51-4 204-402-9 607-085-00-9 01-2119976371-33	35-40	Acute Tox. 4; H302 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 2; H411	/	/
benzaldehyde	100-52-7 202-860-4 605-012-00-5 01-2119976371-33	5-10	Acute Tox. 4; H302 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335	/	/
cis-2-tert-butylcyclohexyl acetate	20298-69-5 243-718-1 -	5-10	Aquatic Chronic 2; H411	/	/
3,7-dimethyloctan-3-ol	78-69-3 201-133-9 - 01-2119454788-21	2.5-5	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319	/	/
4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one	14901-07-6 238-969-9 - 01-2119449921-34	1-2.5	Aquatic Chronic 2; H411	/	/
2-ethyl-3-hydroxy-4-pyrone	4940-11-8 225-582-5 - 01-2120758795-36	1-2.5	Acute Tox. 4; H302	/	/
methyl cinnamate	103-26-4 203-093-8 - 01-2119979458-16	0.1-1	Skin Sens. 1B; H317.1B	/	/

vinyl acetate	108-05-4 203-545-4 607-023-00-0	<0.01	Flam. Liq. 2; H225 Acute Tox. 4; H332 STOT SE 3; H335 Carc. 2; H351 Aquatic Chronic 3; H412	/	D
2,6-di-tert-butyl-p-cresol	128-37-0 204-881-4 - 01-2119555270-46	<0.01	Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/
toluene	108-88-3 203-625-9 601-021-00-3	<0.01	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Repr. 2; H361d STOT RE 2; H373	/	/

#### Notes for substances

D	<p>Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3.</p> <p>However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words "non-stabilised".</p>
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## SECTION 4: FIRST AID MEASURES

### 4.1 First aid measures

#### General notes

When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. If symptoms develop and persist, seek medical attention.

#### Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

#### Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Consult a physician. Show the physician the safety data sheet or label.

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

#### Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation. Coughing, sneezing, nasal discharge, labored breathing.

#### Following skin contact

May cause sensitisation by skin contact (itching, redness, rashes).

#### Following eye contact

Contact with eyes can cause irritation (redness, tearing, pain).

#### Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort.

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

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>).

Fire extinguishing powder.

Water spray. Extinguish large fires with water spray or alcohol-resistant foam.

#### Unsuitable extinguishing media

Full water jet.

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

#### Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### 5.3 Advice for firefighters

#### Protective actions

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training. Cool containers at risk with water spray. If possible remove containers from endangered area.

#### Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

#### Additional information

Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel

##### Protective equipment

Use personal protective equipment (Section 8).

##### Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

##### Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Avoid breathing dust. Avoid contact with skin, eyes and clothing.

#### For emergency responders

Use personal protective equipment.

### 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

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

#### For containment

Prevent spillage - close holes on damaged container.

#### For cleaning up

Take up mechanically and collect in suitable container and dispose according to current regulations. Dispose in accordance with applicable regulations (see Section 13).

#### OTHER INFORMATION

No information.

#### 6.4 Reference to other sections

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Protective measures

#### Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking.

#### Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

#### Measures to protect the environment

Avoid release to the environment.

#### Other measures

No information.

#### Advice on general occupational hygiene

Observe the usual precautionary measures when handling chemicals. Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin, eyes and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

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

#### Technical measures and storage conditions

Store in accordance with local regulations. Keep in tightly closed container.

#### Packaging materials

Store only in original container.

#### Requirements for storage rooms and vessels

Do not store in unlabelled containers.

#### Storage class

No information.

#### Further information on storage conditions

No information.

### 7.3 Specific end use(s)

#### Recommendations

No information.

#### Industrial sector specific solutions

No information.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

## Occupational Exposure limit values

Name	mg/m <sup>3</sup>	ml/m <sup>3</sup>	Short-term value mg/m <sup>3</sup>	Short-term value ml/m <sup>3</sup>	Remark	Biological Tolerance Values
2,6-Di-tert-butyl-p-cresol (128-37-0)	10	/	/	/	/	/
Toluene (108-88-3)	191	50	384	100	Sk	/
Vinyl acetate (108-05-4)	17.6	5	35.2	10	/	/

## Information on monitoring procedures

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

## DNEL/DMEL values

## For product

No information.

## For components

No information.

## PNEC values

## For product

No information.

## For components

No information.

## 8.2 Exposure controls

## Appropriate engineering control

## Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

## Structural measures to prevent exposure

No information.

## Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

## Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

## Personal protective equipment

## Eye and face protection

If there is a risk of eye contact use safety glasses. Safety glasses with side protection (EN 166).

## Hand protection

Protective gloves (EN 374). Before use protect hands with suitable protective cream.

## Appropriate materials

## Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

## Respiratory protection

At elevated concentrations of vapours/aerosols in the air wear a mask (EN 140) with filter A2-P2 (EN 14387). 'High/elevated concentrations' means that the occupational exposure limit values have been exceeded.

## Thermal hazards

No information.

## Environmental exposure controls

## Substance/mixture related measures to prevent exposure

No information.

## Instruction measures to prevent exposure

No information.

## Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state

solid - liquid impregnated into a solid support

Colour

red

Odour

characteristic

Important health, safety and environmental information

Odour threshold	No information.
pH	substance/mixture is non-soluble (in water)
Melting point/Freezing point	No information.
Initial boiling point/boiling range	No information.
Flash point	> 61 °C
Evaporation rate	No information.
Flammability (solid, gas)	No information.
Explosion limits (vol%)	No information.
Vapour pressure	No information.
Vapour density	No information.
Density / weight	No information.
Solubility	No information.
Partition coefficient	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
Viscosity	No information.
Explosive properties	No information.
Oxidising properties	No information.

### 9.2 OTHER INFORMATION

No information.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions occur under normal conditions of storage and use.

**10.4 Conditions to avoid**

Protect from heat, direct sunlight, open fire, sparks.

**10.5 Incompatible materials**

Oxidants.  
Strong bases.  
Strong acids.

**10.6 Hazardous decomposition products**

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released. Carbon dioxide; Carbon monoxide. Nitrogen oxides. Smoke.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****(a) Acute toxicity**

For product

Exposure route	Type	Species	Time	value	Method	Remark
oral	ATE	/	/	1231 mg/kg	/	/

**Additional information**

Harmful if swallowed.

**(b) Skin corrosion/irritation**

No information.

**Additional information**

The product is not classified as irritating to the skin.

**(c) Serious eye damage/irritation**

No information.

**Additional information**

The product is not classified as an irritant to the eyes.

**(d) Respiratory or skin sensitisation**

No information.

**Additional information**

May cause an allergic skin reaction.

**(e) (Germ cell) mutagenicity**

No information.

**(f) Carcinogenicity**

No information.

**(g) Reproductive toxicity**

No information.

**Summary of evaluation of the CMR properties**

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

**(h) STOT-single exposure**

No information.

**Additional information**

STOT SE (single exposure): Not classified.

**(i) STOT-repeated exposure**

No information.

**Additional information**



STOT RE (repeated exposure): Not classified.

(j) Aspiration hazard

No information.

Additional information

Aspiration hazard: Not classified.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Acute (short-term) toxicity

No information.

Chronic (long-term) toxicity

No information.

### 12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

No information.

### 12.3 Bioaccumulative potential

Partition coefficient

No information.

Bioconcentration factor (BCF)

No information.

### 12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

Adsorption/Desorption

No information.

### 12.5 Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6 Other adverse effects

No information.

### 12.7 Additional information

For product

Toxic to aquatic life with long lasting effects. Water hazard class 2 (self-assessment): hazardous for water. Do not allow to reach ground water, water courses or sewage system.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product / Packaging disposal

##### Waste chemical

Dispose of in accordance with applicable waste disposal regulation. Do not allow product to reach drains/sewage systems. Dispose the product to an authorised collector/remover of waste/company performing waste recovery. Smaller quantities can be disposed of with household waste.

##### Waste codes / waste designations according to LoW

20 03 01 - mixed municipal waste

##### Packaging

The packaging must be disposed in accordance with local or national regulations. Deliver completely emptied containers to approved waste disposal authorities.

##### Waste codes / waste designations according to LoW

No information.

##### Waste treatment-relevant information

No information.

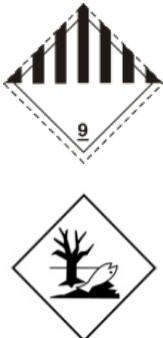
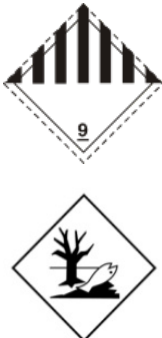
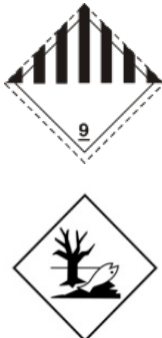
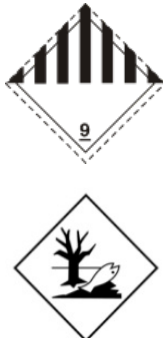
##### Sewage disposal-relevant information

No information.

##### Other disposal recommendations

No information.

## SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number			
UN 3077	UN 3077	UN 3077	UN 3077
14.2 UN proper shipping name			
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (benzyl benzoate, cis-2-tert-butylcyclohexyl acetate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (benzyl benzoate, cis-2-tert-butylcyclohexyl acetate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (benzyl benzoate, cis-2-tert-butylcyclohexyl acetate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (benzyl benzoate, cis-2-tert-butylcyclohexyl acetate)
14.3 Transport hazard class(es)			
9	9	9	9
			
14.4 Packing group			
III	III	III	III
14.5 Environmental hazards			
YES	Marine pollutant	YES	YES

<b>14.6 Special precautions for user</b>			
Limited quantities 5 kg Special provisions 274, 335, 375, 601 Packing Instructions P002, IBC08, LP02, R001 Special packing provisions PP12, B3 Transport category 3 Tunnel restriction code (-)	Limited quantities 5 kg EmS F-A, S-F Flash point 61 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst) Y956 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg) 30 kg G Packing Instructions (Pkg Inst) 956 Maximum Net Quantity/Package (Max Net Qty/Pkg) 400 kg Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst) 956 Cargo Aircraft Only, Maximum Net Quantity/Package (CAO, Max Net Qty/Pkg) 400 kg Special provisions A97, A158, A179, A197 Excepted quantities E1 ERG code 9L	Limited quantities 5 kg
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>			
VC1, VC2	VC1, VC2	Not given/not applicable	Not given/not applicable

## SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2015/830)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)  
not applicable

Regulation EC 648/2004 on detergents

No information.

Special instructions

Water hazard class 2 (self-assessment): hazardous for water.

### 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: OTHER INFORMATION

Indication of changes

No information.

Key literature references and sources for data

No information.

Abbreviations and acronyms

ATE - Acute Toxicity Estimate

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises

STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

**List of relevant H phrases**

H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H361d Suspected of damaging the unborn child.  
H373 May cause damage to organs through prolonged or repeated exposure.  
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.