

# SAFETY DATA SHEET



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

### Product identifier

**Trade name of the substance** HYPRENE 100  
**Identification number** 64742-52-5  
**Registration number** 01-2119467170-45-0017  
**Synonyms** None.  
**Date of first issue** 08-11-2011  
**Version number** 02  
**Revision date** 12-16-2011  
**Supersedes date** 08-11-2011

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

**Identified uses** Adhesive Manufacturing; Adhesives; Automotive and Industrial Hoses; Carbon Black; Carpet Backing; Coatings; Computer Mouse Pads; Dedusting Oils; Diluents and Carriers; Diluents for sulfonates; Dust Stop in Mixers; Feed stock for refrigeration oils; Feed stock for white oils; Fishing Worms; Foam Carpet Backing; Garden Hoses; Hoses & Belts; Industrial Foams; Organic Fibers; Water Sealants; Paper Defoamer; Paint Defoamer; Pigments; Refrigeration oil feed stocks; Rubber Compounding; Shoe Soles; Tanning; Tennis Balls; Tires; Titanium Wash Oils; Wash oils-compressor; Lubricants of Polyethylene; White Oil Feed stock

**Uses advised against** None known.

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

**Manufacturer:** Ergon Refining, Inc.  
2611 Haining Rd  
Vicksburg, Mississippi 39181

**EU Contact:** Per Klintstam; (phone) +32.2.351.23.75; (e-mail) per.klintstam@ergon.com  
Drève Richelle 161 Building C  
B-1410 Waterloo, Belgium

**US Contact:** Will Poe; (phone) 1.601.630.8319; (e-mail) will.poe@ergon.com

**Emergency Phone Numbers:**

**Ergon Refining, Inc.:** 1.601.638.4960 Normal Business Hours  
**Chemtrec:** 1.800.424.9300 After Business Hours (North America)  
1.703.527.3887 (International)

## Section 2: Hazards identification

### Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This substance does not meet the criteria for classification according to Directive 67/548/EEC as amended.

### Classification according to Regulation (EC) No 1272/2008 as amended

#### Health hazards

Aspiration hazard Category 1 May be fatal if swallowed and enters airways.(H304)

### Hazard summary

**Physical hazards** Not classified for physical hazards.  
**Health hazards** Occupational exposure to the substance or mixture may cause adverse health effects.  
**Environmental hazards** Not classified for hazards to the environment.  
**Specific hazards** Harmful by inhalation. Do not breathe dust/fume/gas/mist/vapors/spray.  
**Main symptoms** Respiratory disorder.

### Label elements

**Label according to Regulation (EC) No. 1272/2008 as amended****Identification number** 64742-52-5**Signal word** Danger**Hazard statements** May be fatal if swallowed and enters airways.(H304)**Precautionary statements****Prevention** Do not breathe gas/mist/vapors/spray.**Response** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.(P301 + P310) Do NOT induce vomiting. (P331)**Storage** Store locked up. (P405)**Disposal** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. (P501)**Supplemental label information** Not applicable.**Other hazards** Not assigned.**Section 3: Composition/information on ingredients****Substance****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	99,9 - 100	64742-52-5 265-155-0	01-2119467170-45-0017	649-465-00-7	

**Classification:** **DSD:** -  
**CLP:** Asp. Tox. 1;H304

67/548: Directive 67/548/EEC.  
CLP: Regulation No. 1272/2008.  
#: This substance has workplace exposure limit(s).  
PBT: persistent, bioaccumulative and toxic substance.  
vPvB: very persistent and very bioaccumulative substance.

**Composition comments** Not assigned.**Section 4: First aid measures****General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep victim warm.**Description of first aid measures****Inhalation** Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention immediately.**Skin contact** Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.**Eye contact** Flush thoroughly with water. If irritation occurs, get medical assistance.**Ingestion** Call a physician or poison control center immediately. Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Aspiration may cause pulmonary edema and pneumonitis.**Most important symptoms and effects, both acute and delayed** Defatting of the skin.**Indication of any immediate medical attention and special treatment needed** Treat symptomatically. Effects of contact or inhalation may be delayed.

## Section 5: Firefighting measures

<b>General fire hazards</b>	Not established.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water spray or fog. Foam. Carbon dioxide (CO2). Halon. Dry chemicals.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Special hazards arising from the substance or mixture</b>	No unusual fire or explosion hazards noted.
<b>Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Wear suitable protective equipment. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
<b>Special firefighting procedures</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Cool containers exposed to flames with water until well after the fire is out.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>For emergency responders</b>	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground.

**Methods and material for containment and cleaning up** Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

**Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## Section 7: Handling and storage

**Precautions for safe handling** Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands after handling and before eating. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

**Conditions for safe storage, including any incompatibilities** Store locked up. Keep away from heat, sparks and open flame.

**Specific end use(s)** Not available.

## Section 8: Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

##### Austria

No exposure limits noted for the ingredient(s).

##### Belgium

###### Material

HYPRENE 100 (64742-52-5)

###### Type

STEL  
TWA

###### Value

10 mg/m3  
5 mg/m3

###### Form

Mist.  
Mist.

##### Belgium. Exposure Limit Values.

###### Components

DISTILLATES (PETROLEUM),  
HYDROTREATED HEAVY  
NAPHTHENIC (64742-52-5)

###### Type

STEL  
  
TWA

###### Value

10 mg/m3  
  
5 mg/m3

###### Form

Mist.  
  
Mist.

**Bulgaria**

Material	Type	Value
HYPRENE 100 (64742-52-5)	TWA	5 mg/m <sup>3</sup>

**Bulgaria. OELs. Regulation No 13 of Ministry of Labor & Social Policy, with Ministry of Health, on protection of workers related to exposure to chemical agents at work**

Components	Type	Value
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	TWA	5 mg/m <sup>3</sup>

**Cyprus**

No exposure limits noted for the ingredient(s).

**Czech Republic**

Material	Type	Value
HYPRENE 100 (64742-52-5)	Ceiling	1000 mg/m <sup>3</sup>
	TWA	200 mg/m <sup>3</sup>

**Czech Republic. OELs. Government Decree 361**

Components	Type	Value
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	Ceiling	1000 mg/m <sup>3</sup>
	TWA	200 mg/m <sup>3</sup>

**Denmark**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	TLV	1 mg/m <sup>3</sup>	Mist.

**Denmark. Exposure Limit Values**

Components	Type	Value	Form
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	TLV	1 mg/m <sup>3</sup>	Mist.

**Estonia**

No exposure limits noted for the ingredient(s).

**Finland**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	TWA	5 mg/m <sup>3</sup>	Mist.

**France**

No exposure limits noted for the ingredient(s).

**Germany**

No exposure limits noted for the ingredient(s).

**Germany - TRGS 900**

No exposure limits noted for the ingredient(s).

**Greece**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	TWA	5 mg/m <sup>3</sup>	Mist.

**Greece. OELs (Decree No. 90/1999, as amended)**

Components	Type	Value	Form
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	TWA	5 mg/m <sup>3</sup>	Mist.

**Hungary**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	Ceiling	5 mg/m <sup>3</sup>	Mist.

**Hungary. OELs. Joint Decree on Chemical Safety of Workplaces**

Components	Type	Value	Form
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	Ceiling	5 mg/m <sup>3</sup>	Mist.

**Iceland**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	TWA	1 mg/m <sup>3</sup>	Mist.

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

Components	Type	Value	Form
DISTILLATES (PETROLEUM ), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	TWA	1 mg/m3	Mist.

**Ireland**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Ireland. Occupational Exposure Limits**

Components	Type	Value	Form
DISTILLATES (PETROLEUM ), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Italy**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

**Italy. OELs**

Components	Type	Value	Form
DISTILLATES (PETROLEUM ), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	TWA	5 mg/m3	Inhalable fraction.

**Latvia**

No exposure limits noted for the ingredient(s).

**Lithuania**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

**Lithuania. OELs. Occupational Exposure Limit Values for Hazardous Chemical Substance Concentration, General Requirements (No. 645/169)**

Components	Type	Value	Form
DISTILLATES (PETROLEUM ), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

**Luxembourg**

No exposure limits noted for the ingredient(s).

**Malta**

No exposure limits noted for the ingredient(s).

**Netherlands**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	TWA	5 mg/m3	Mist.

**Netherlands. OELs (binding)**

Components	Type	Value	Form
DISTILLATES (PETROLEUM ), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	TWA	5 mg/m3	Mist.

**Norway**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	TLV	1 mg/m3	Mist.

**Norway. Administrative Norms for Contaminants in the Workplace**

Components	Type	Value	Form
DISTILLATES (PETROLEUM ), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	TLV	1 mg/m3	Mist.

**Poland**

Material	Type	Value	Form
HYPRENE 100 (64742-52-5)	STEL	10 mg/m3	Aerosol.
	TWA	5 mg/m3	Aerosol.

**Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	STEL	10 mg/m <sup>3</sup>	Aerosol.
	TWA	5 mg/m <sup>3</sup>	Aerosol.

**Portugal**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HYPRENE 100 (64742-52-5)	STEL	10 mg/m <sup>3</sup>	Aerosol.
	TWA	5 mg/m <sup>3</sup>	Aerosol.

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	STEL	10 mg/m <sup>3</sup>	Aerosol.
	TWA	5 mg/m <sup>3</sup>	Aerosol.

**Romania**

<b>Material</b>	<b>Type</b>	<b>Value</b>
HYPRENE 100 (64742-52-5)	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

<b>Components</b>	<b>Type</b>	<b>Value</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	STEL	10 mg/m <sup>3</sup>
	TWA	5 mg/m <sup>3</sup>

**Slovakia**

No exposure limits noted for the ingredient(s).

**Slovenia**

No exposure limits noted for the ingredient(s).

**Spain**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HYPRENE 100 (64742-52-5)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

**Spain. Occupational Exposure Limits**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

**Sweden**

<b>Material</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
HYPRENE 100 (64742-52-5)	STEL	3 mg/m <sup>3</sup>	Mist.
	TWA	1 mg/m <sup>3</sup>	Mist.

**Sweden. Occupational Exposure Limit Values**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC (64742-52-5)	STEL	3 mg/m <sup>3</sup>	Mist.
	TWA	1 mg/m <sup>3</sup>	Mist.

**Switzerland**

No exposure limits noted for the ingredient(s).

**United Kingdom**

No exposure limits noted for the ingredient(s).

**EU**

No exposure limits noted for the ingredient(s).

**Biological limit values****EU**

No biological exposure limits noted for the ingredient(s).

**Finland**

No biological exposure limits noted for the ingredient(s).

**France**

No biological exposure limits noted for the ingredient(s).

**Luxembourg**

No biological exposure limits noted for the ingredient(s).

**Spain**

No biological exposure limits noted for the ingredient(s).

**United Kingdom**

No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**DNEL** Not available.

**PNEC** Not available.

**Exposure controls**

**Appropriate engineering controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Adequate ventilation should be provided so that exposure limits are not exceeded.

**Individual protection measures, such as personal protective equipment**

**General information** Wear suitable protective equipment.

**Eye/face protection** Goggles/face shield are recommended.

**Skin protection**

**- Hand protection** Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves.

**- Other** Wear appropriate chemical resistant gloves. Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.

**Respiratory protection** Under normal conditions, respirator is not normally required. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

**Thermal hazards** Not available.

**Hygiene measures** When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Environmental exposure controls** Environmental manager must be informed of all major releases.

**Section 9: Physical and chemical properties****Information on basic physical and chemical properties**

**Appearance** Clean & bright

**Physical state** Liquid.

**Form** Liquid.

**Color** Water White to Pale

**Odor** Mild Petroleum Odor

**Odor threshold** Not available.

**pH** Not applicable.

**Melting point/freezing point** Not available.

**Boiling point, initial boiling point, and boiling range** > 490 °F (> 254,4 °C)

**Flash point** > 325 °F (> 162,8 °C) Cleveland Open Cup

**Auto-ignition temperature** > 600 °F (> 315,6 °C)

**Flammability (solid, gas)** Not available.

**Flammability limit - lower (%)** Not available.

**Flammability limit - upper (%)** Not available.

**Oxidizing properties** Not applicable.

<b>Explosive properties</b>	Not applicable.
<b>Explosive limit</b>	Not applicable.
<b>Vapor pressure</b>	Not applicable.
<b>Vapor density</b>	>= 5
<b>Evaporation rate</b>	Not applicable.
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Bulk density</b>	Not applicable.
<b>Pour point</b>	< -30 °F (< -34,4 °C)
<b>Viscosity</b>	20 cSt
<b>Viscosity temperature</b>	104 °F (40 °C)
<b>VOC (Weight %)</b>	Not available.
<b>Percent volatile</b>	Not available.
<b>Other data</b>	
<b>Molecular weight</b>	298
<b>Specific gravity</b>	0,9
<b>Other information</b>	No relevant additional information available.

## Section 10: Stability and reactivity

<b>Reactivity</b>	None known.
<b>Chemical stability</b>	Stable under normal temperature conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point. Heat, sparks, flames.
<b>Incompatible materials</b>	Strong oxidizing agents. Oxidizing agents.
<b>Hazardous decomposition products</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## Section 11: Toxicological information

<b>General information</b>	Not available.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	May be fatal if swallowed and enters airways.
<b>Inhalation</b>	May be fatal if swallowed and enters airways. Harmful by inhalation.
<b>Skin contact</b>	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
<b>Eye contact</b>	Irritating to eyes.
<b>Symptoms</b>	Not available.
<b>Information on toxicological effects</b>	
<b>Acute toxicity</b>	May be fatal if swallowed and enters airways.
<b>Skin corrosion/irritation</b>	Defatting, drying and cracking of skin.
<b>Serious eye damage/eye irritation</b>	May be irritating to eyes.
<b>Respiratory sensitization</b>	Not classified.
<b>Skin sensitization</b>	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Nota L - Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.
<b>Reproductive toxicity</b>	Contains no ingredient listed as toxic to reproduction
<b>Specific target organ toxicity - single exposure</b>	Respiratory system

<b>Specific target organ toxicity - repeated exposure</b>	Skin.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	Risk of chemical pneumonia after aspiration.

## Section 12: Ecological information

<b>Toxicity</b>	No toxicity data noted for the ingredient(s).
<b>Persistence and degradability</b>	Not inherently biodegradable.
<b>Bioaccumulative potential</b>	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
<b>Mobility</b>	Not available.
<b>Environmental fate - Partition coefficient</b>	Not established.
<b>Mobility in soil</b>	Not available.
<b>Results of PBT and vPvB assessment</b>	Not applicable.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13: Disposal considerations

### Waste treatment methods

**Residual waste** Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

**EU waste code** Not applicable. Waste codes should be assigned by the user based on the application for which the product was used.

**Disposal methods/information** Contract with a disposal operator licensed by the Law on Disposal and Cleaning. Do not discharge into drains, water courses or onto the ground. Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 14: Transport information

**General** Not regulated as dangerous goods.

**ADR**  
Not regulated as dangerous goods.

**RID**  
Not regulated as dangerous goods.

**ADN**  
Not regulated as dangerous goods.

**IATA**  
Not regulated as dangerous goods.

**IMDG**  
Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No information available.

## Section 15: Regulatory information

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

#### EU regulations

##### Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed.

##### Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V**

Not listed.

**Commission Decision 2000/479/EC on the implementation of a European pollutant emission register (EPER)**

Not listed.

**Regulation (EC) No. 1907/2006, Article 59(1). Candidate List**

Not listed.

**Other regulations**

The product is classified and labelled in accordance with EC directives or respective national laws.  
This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

**National regulations**

Not available.

**Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

**Section 16: Other information****Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**List of abbreviations**

Not available.

**References**

ACGIH  
 Korea. Toxic Chemicals (TCCL Article 10)  
 Korea. Toxic Release Inventory (TRI) Chemicals (TCCL Article 14)  
 Japan. Industrial Safety & Health Law (ISHL) List  
 IARC Monographs. Overall Evaluation of Carcinogenicity  
 ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices  
 Japan. OELs - ISHL. (Workplace Environment Assessment Standards)  
 Japan. OELs - JSOH. (Japan Society of Occupational Health: Advisory Opinion on Permissible [Exposure] Limits)  
 Japan. Ozone Depleting Substances (Enforcement Order of the Law Concerning Protection of the Ozone Layer through Control of Specified Substances, Ordinance No. 308, as amended)  
 Chemical Abstracts Service Registry Handbook  
 CRC: Handbook of Chemistry and Physics  
 EFFA. Chemicals and Natural Complex Substances with No Labeling Requirements (European Flavour & Fragrance Association Code of Practice, Attachments 4 and 5)  
 EFFA. Classification and Labeling of Chemicals and Natural Complex Substances (European Flavour & Fragrance Association Code of Practice, Attachments 1 and 2)  
 Global Automotive Declarable Substances List (GADSL), Version 1.0  
 ILO Safety Cards  
 International Labour Organization  
 International Maritime Organization Marine Pollutants List  
 NFPA Hazardous Chemical Data Sheets  
 NIOSH Pocket Guide  
 Registry of Toxic Effects of Chemical Substances (RTECS)  
 US DOT Hazardous Materials Regulations

<b>Information on evaluation method leading to the classification of mixture</b>	Not available.
<b>Full text of any statements or R-phrases and H-phrases under Sections 2 to 15</b>	H304 - May be fatal if swallowed and enters airways.(H304)
<b>Revision information</b>	Not available.
<b>Training information</b>	Not available.
<b>Disclaimer</b>	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
<b>Issue date</b>	08-11-2011
<b>Revision date</b>	12-16-2011
<b>Print date</b>	12-16-2011