

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Code	998.002.01 - 998.002.03
Product Name:	LUBRICANT FOR WOOD/WOODSLIDE

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

Intended use	Special wood finishing
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1.3. Details of the supplier of the safety data sheet

Name	C.M.T UTENSILI SPA
Address	Via della Meccanica, sn
District & Country	61122 Chiusa di Ginestreto Pesaro - Italia tel. +39 0721 48571 fax +39 0721 481021
Email address of the competent person responsible for Safety Data Sheet	info@cmtutensili.com Hours of operation 8.30-13.00 / 14.00-17.30

1.4. Emergency Telephone Numbers

For urgent inquiries refer to	Poison Control Center of Bergamo (CAV Ospedali Riuniti): 800 883300 Poison Control Center of Roma (CAV Policlinico Gemelli): +39 06 3054343 Poison Control Center of Napoli (CAV National Health Service - A. Cardarelli Hospital) +39 081 7472870
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SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in EC Regulations 1271/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety data sheet that complies with the provisions of the EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Classification and hazards identification:

Flammable liquid, category 3	H226	Flammable liquid and vapour
Aspiration hazard, category 1	H304	May be fatal if swallowed or enters airways.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.

2.2. Label elements

Hazard labelling pursuant to EC regulation 1272/2008 (CLP) and subsequent amendments and supplements.



Signal words: Danger

Hazard statements:

H226	Flammable liquid and vapour.
H304	May be fatal is swallowed or enters airways.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.



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Precautionary statements:

P101	If medical advice is needed, have product container or label on hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection..
P301+P310	IF SWALLOWED: Immediately call a POISON CONTROL CENTER/Doctor.
P501	Dispose of contents/container in accordance with the regulations regarding sewage disposal. Do not dispose In the environment.
Contains:	VASELINE OIL
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

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 0,1% or higher.

SECTION 3. Composition/information on ingredients

3.1. Substances

Information not relevant.

3.2. Mixtures

Contains:

Identification	Conc. %.	Classification 67/548/CEE.	Classification 1272/2008 (CLP).
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics			
CAS. 64742-48-9	80 - 90	R10, R66, R67, Xn R65	Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H336, EUH066
CE. 919-857-5			
INDEX. -			
Nr. Reg. 01-2119463258-33			
VASELINE OIL			
CAS. 8042-47-5	10 - 15		Asp. Tox. 1 H304
CE. 232-455-8			
INDEX. -			

Note: Upper limit is not included into the range.

The full wording of hazard (H) is provided in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing, Rinse skin with a shower immediately, Seek medical attention immediately. Wash contaminated clothing before using again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Seek medical attention immediately.

INGESTION: Seek medical attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorized by a doctor

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

For symptoms and effects caused by the contained substances, see chapter 11.

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

Information not available.

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss and leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect them from those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Normal firefighting clothing, i.e. fire kit (BS EN 469), gloves (BS EN 659), and boots (HO specification A29 and A30) in combination with the self-contained open circuit positive pressure compressed air breathing apparatus.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakages if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under section 8 of the safety data sheet) to prevent any contamination of the skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check compatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in section 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a well-ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials - see section 10 for details.

7.3. Specific end use(s)

Information not available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
Threshold Limit Value

TYPE	COUNTRY TWA/8h		STEL/15MINS	
	mg/m3	ppm	mg/m3	ppm
TLV-ACGIH	1200	197	0	0

Predicted no-effect concentration - PNEC

Normal value in fresh water VND

Normal value in marine water VND

Normal value in water, intermittent release VND

Normal value STP microorganisms VND

Normal value for food chain (secondary poisoning) VND

Normal value for the terrestrial compartment VND

Health Derived no-effect level - DNEL / DMEL

ROUTE EXPOSURE	EFFECTS OF CONSUMERS				EFFECTS OF WORKERS			
	ACUTE LOCAL	ACUTE SYSTEMIC	CHRONIC LOCAL	CHRONIC SYSTEMIC	ACUTE LOCAL	ACUTE SYSTEMIC	CHRONIC LOCAL	CHRONIC SYSTEMIC
ORAL			VND	125 mg/kg bw/d				
INHALATION			VND	900 mg/m3			VND	871 mg/m3
SKIN			VND	125 mg/kg bw/d			VND	208 mg/m3

BUTYL GLYCOL ACETATE

Threshold Limit Value.

TYPE	COUNTRY TWA/8h		STEL/15MINS	
	mg/m3	ppm	mg/m3	ppm
TLV-ACGIH	5000		0	0

Predicted no-effect concentration - PNEC

Normal value in water 0,108 mg/l

Normal value in marine water 0,0108 mg/l

Normal value for fresh water sediment 0,8 mg/kg

Normal value for marine water sediment 0,08 dmwg/kg

Normal value of STP microorganisms 100 dmwg/l

Normal value for the terrestrial compartment 0,29 mg/kg

Health - derived no -effect level - DNEL / DMEL dw

ROUTE EXPOSURE	EFFECTS OF CONSUMERS				EFFECTS OF WORKERS			
	ACUTE LOCAL	ACUTE SYSTEMIC	CHRONIC LOCAL	CHRONIC SYSTEMIC	ACUTE LOCAL	ACUTE SYSTEMIC	CHRONIC LOCAL	CHRONIC SYSTEMIC
INHALATION			43 mg/m3				VND	85 mg/m3
SKIN			12 mg/kg bw	VND			VND	24 mg/kg

Legend:

(C) = Ceiling

INHAL = Inhalable Fraction

RESP = Respirable Fraction

THORA = Thoracic Fraction

VND = Hazard identified but no DNEL/PNEC available

NEA = no exposure expected

NPI = no hazard identified

Note: The Derived No Effect Level (DNEL) is an estimated safe level of exposure that is derived from toxicity data in accord with specific guidance within the European REACH regulation. The DNEL may differ from an Occupational Exposure Limit (OEL) for the same chemical. OELs may be recommended by an individual company, a governmental regulatory body or an expert organization, such as the Scientific Committee for Occupational Exposure Limits (SCOEL) or the American Conference of Governmental Industrial Hygienists (ACGIH). OELs are considered to be safe exposure levels for a typical worker in an occupational setting for an 8-hour work shift, 40 hour work week, as a time weighted average (TWA) or a 15 minute short-term exposure limit (STEL). While also considered to be protective of health, OELs are derived by a process different from that of REACH.

PREDICTED NO-EFFECT CONCENTRATION (PNEC) :

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics : NA.



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8.2. Exposure controls

Engineering measures

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

Personal protective equipment

When choosing personal protective equipment, ask your chemical substance supplier for advice.
Personal protective equipment must be CE marked, showing that it complies with applicable standards

HAND PROTECTION

Material: Nitrile rubber.
Glove thickness: 0,45mm
Breakthrough time: 480min
Directive: DIN EN 374. Protect hands with category III work gloves (see standard EN 374).

Remarks: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
The following should be considered when choosing work glove material; compatibility, degradation, failure time and permeability.
The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN AND BODY PROTECTION

Consider the appropriateness of providing flame retardant antistatic clothing in the case of working environments in which there is a risk of explosion.
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344).
Wash body with soap and water after removing protective clothing.

EYE PROTECTION

In case of splash hazard, wear airtight protective goggles (see standard EN 166)

RESPIRATORY PROTECTION

When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

If the threshold value (e.g.TLV-TWA is exceeded for the substances present in the product, wear a mask with a type AX filter whose limit of use will be defined by the manufacturer (see standard EN 14387).

In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists etc.) combined filters are not required.
Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA, and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

HYGIENE MEASURES

Handle in accordance with good industrial hygiene and safety practices.
General Industrial hygiene practice.
Avoid breathing vapours, mist or gas.
Avoid contact with skin, eyes and clothing.
When using, do not eat, drink or smoke.
Wash hands before breaks and at the end of the workday.
Follow the skin protection plan.
Take off all contaminated clothing immediately.
Wash contaminated clothing before re-use.

ENVIRONMENTAL EXPOSURE CONTROLS

GENERAL ADVICE

Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform the respective authorities.
The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid
Colour	colourless
Odour	typical
Odour threshold	Not available.
pH.	Not available.
Melting point/Boiling point	-20 °C.
Initial boiling point	> 40 °C.



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Flash point.	155-185°C
Evaporation rate.	23 ≤ T ≤ 60 °C.
Flammability	Not available.
Flammability of solids and gases	Not available.
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	Not available.
Upper explosive limit.	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	0,792 Kg/l
Solubility	SOLUBLE IN SOLVENTS
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	> 340 °C.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidizing properties	Not available.

9.2. Other information

VOC (Directive 1999/13/CE) :	81,00 % - 641,16 g/liter
VOC (volatile carbon) :	Not available.

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

10.5. Incompatible materials

Information not available.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Acute Oral Toxicity:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

DL50 Rat, male and female: > 5.000 mg/kg
Method: OECD Test Guideline 401

Vaseline Oil (petroleum):

DL50 Rat, male and female: > 5.000 mg/kg
Method: OECD Test Guideline 401



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Acute Inhalation Toxicity:
Vaseline Oil (petroleum):
Test atmosphere:

CL50 Rat, male and female: > 5 mg/l
vapour exposure time: 4 h
Method: OECD Test Guideline 403

Acute dermal toxicity:
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

DL50 Rabbit, male and female: > 3.160 mg/kg
Method: OECD Test Guideline 402
DL50 Rabbit, male and female: > 2.000 mg/kg
Method: OECD Test Guideline 402

Vaseline Oil (petroleum):

Acute Toxicity (other routes of administration):
No data available

Skin corrosion/irritation

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Repeated exposure may cause skin dryness or cracking
Species: Rabbit
No skin irritation
Method: OECD Test Guideline 404

Vaseline oil (petroleum):

Serious eye damage/eye irritation

Vaseline oil (petroleum):

Species: Rabbit
No eye irritation
Method: OECD Test Guideline 405

Respiratory or skin sensitization

Sensitization:

Vaseline oil (petroleum):

Species: Guinea Pig
Result: Does not cause skin sensitization.
Method: OECD Test Guideline 406

Germ cell mutagenicity

Genotoxicity in vitro:

Vaseline oil (petroleum):

Test species: Salmonella typhimurium
Metabolic activation result: negative
Method: OECD Test Guideline 471

Genotoxicity in vivo:

Vaseline oil (petroleum):

Test species: Mouse
Sex: male and female
Result: negative

Method: OECD Test Guideline 474

Carcinogenicity

Vaseline oil (petroleum):

Species: Rat, male and female
Print date: OECD Test Guideline 453

Observations

Vaseline oil (petroleum):

Carcinogenicity:
Animal testing did not show any carcinogenic effects.

Reproductive toxicity

White mineral oil (petroleum):

Note: No toxicity to reproduction

Teratogenicity

NA

(STOT) - single exposure

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

May cause drowsiness or dizziness.

(STOT) - repeated exposure No data available

Aspiration hazard

Aspiration toxicity

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.
May be fatal if swallowed and enters airways.

Vaseline oil (petroleum):

Neurological effects

No data available

Toxicology Assessment

Toxicology, Metabolism, Distribution

No data available

Acute effects

No data available

Further information:

Even the smallest quantities that enter into the lung due to swallowing or subsequent vomiting can lead to a pulmonary edema or pneumonia.

Symptoms of overexposure may be headache, dizziness, tiredness, nausea, vomiting.

Aspiration hazard if swallowed - can enter lungs and cause brain damage. Vapours may cause drowsiness and dizziness.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

The introduction of even small quantities of this liquid into the respiratory system in case of ingestion or vomit may cause bronchopneumonia and pulmonary edema.

This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects such as drowsiness, dizziness, slow reflexes, and/or narcosis.

This product may have a degreasing action on the skin, producing dryness and chapped skin after repeated exposure.

SECTION 12. Ecological Information

12.1. Toxicity

Toxicity to fish

Hydrocarbons C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

LL50 (Oncorhynchus mykiss (Rainbow Trout)): > 1.000 mg/l

Exposure Time: 96 h

Method: OECD Test Guideline 203

olio di vaselina (petrolio):

CL50 (Oncorhynchus mykiss (Rainbow Trout)): > 100 mg/l

Exposure Time: 96 h

Method: OECD Test Guidelines 203

Toxicity to daphnia and other aquatic invertebrates

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

EL50 (Daphnia magna (Water flea)): > 1.000 mg/l

Exposure Time: 48 h

Method: OECD TG 202

Vaseline Oil (petroleum):

CL50 (Daphnia magna (Water flea)): > 100 mg/l

Exposure time: 48 h

Method: OECD TG 202

Toxicity to algae

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

EL50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l

Exposure Time: 72 h

Method: OECD TG 201

Vaseline Oil (petroleum):

NOEL (Pseudokirchneriella subcapitata (green algae)): > 100 mg/l

Exposure Time: 72 h

Method: OECD TG 201

12.2. Persistence and degradability

Biodegradability

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:

Result: Readily biodegradable.

Biodegradation: 80 %

Exposure Time: 28 d

Method: OECD TG 301F

Vaseline Oil (petroleum):

Concentration: 44 mg/l

Result: Biodegradable

Exposure Time: 28 d

Method: OECD TG 301F

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

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.

12.6. Other adverse effects

Additional ecological information:

This product should not be allowed to enter drains, water courses or the soil.



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SECTION 13. Disposal Considerations.

13.1. Waste treatment methods

Advice on disposal and packaging:

Disposal:

In accordance with local and national regulations. Do not dispose of waste into sewer. This material and its container must be disposed of as hazardous waste. Do not dispose of together with household waste. Waste codes should be assigned by the user based on the application for which the product was used.

The following Waste Codes are only suggestions:

Waste Code (EWC):

Waste Key (unused product):

070404, other organic solvents, washing liquids and mother liquors

Waste Key (unused product):

070404, other organic solvents, washing liquids and mother liquors

Disposal of uncleaned packaging:

Waste Key (uncleaned packaging):

150110, packaging containing residues of or contaminated by dangerous substances.

Note: Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum. Dispose of as unused product.

SECTION 14. Transport Information

14.1. UN number

ADN	3295
ADR	3295
RID	3295
IMDG	3295
IATA	3295

14.2. Proper UN Shipping name

ADN	HYDROCARBONS, LIQUID, N.O.S.
ADR	HYDROCARBONS, LIQUID, N.O.S.
RID	HYDROCARBONS, LIQUID, N.O.S.
IMDG	HYDROCARBONS, LIQUID, N.O.S.
IATA	HYDROCARBONS, LIQUID, N.O.S.

14.3. Transport Hazard Class (es)

ADN	3
ADR	3
RID	3
IMDG	3
IATA	3

14.4. Packaging Group

ADN	
Packing group	III
Classification Code	F1
Hazard Identification Number	30
Labels	3
ADR	
Packing Group	III
Classification Code	F1



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Hazard Identification Number	30
Labels	3
Limited Quantity	5,00 L
Tunnel Restriction Code	(D/E)
RID	
Packing Group	III
Classification Code	F1
Hazard Classification Number	30
Limited Quantity	5,00 L
Tunnel Restriction Code	(D/E)
IMDG	
Packing Group	III
Labels	3
EmS Number	F-E, S-D
IATA	
Packing Instruction (cargo aircraft)	366
Packing Instructions (passenger aircraft)	355
Packing Instruction LQ	Y344
Packing Group	III
Labels	3

14.5. Environmental Hazards

ADN	Environmentally Hazardous	no
ADR	Environmentally Hazardous	no
RID	Environmentally Hazardous	no
IMDG	Marine Pollutant	no
IATA	Environmentally Hazardous	no

14.6. Special Precautions for User

See chapters: 6, 7 e 8

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. Regulatory Information

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

VOC:	Directive 2010/75/UE of 24 November 2010 on Industrial emissions (integrated pollution prevention and control) 80 % VOC content less water: 635 g/l		
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. Direttiva 2012/18/UE del Parlamento europeo e del Consiglio sul controllo del pericolo di incidenti rilevanti connessi con sostanze pericolose.	Update:	Quantity 1	Quantity 2
	FLAMMABLE LIQUIDS	5.000 t	50.000 t
	Update: Petroleum products; (a) gasolines and naphthas, (b) kerosenes (including jet fuels), © gas oils (including diesel fuels, home heating oils and gas oil blending streams)	5.000 t	25.000 t
Seveso II : Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances	Update:	Quantity 1	Quantity 2
	Flammable	5.000 t	50.000 t



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In accordance with regulation (EC) No. 648/2004 on detergents	>= 30 %: aliphatic hydrocarbons		
National Legislation			
Other regulations	Take note of Dir 94/33/EC on the protection of young people at work.		
Further suggestions	<ul style="list-style-type: none">- Directive 98/24/CE, February 2 2002, no.25 on risks related to chemical agents at work and further modifications- Council Directive 92/32/EEC of 30 April 1992 amending for the seventh time Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances -- Council Directive April 9 2008, n.81 (Execution of article 1 of law 3 August 2007, n. 123, on protection of health and security in the workplace and further modifications.- Council Directive February 6 2009, n. 21 (Regulation of execution of the provisions (CE) n. 648/2004 regarding detergents)- Regulation (CE) n. 1907/2006 of the European Parliament and Council, of December 18 2006, concerning the registration, evaluation, and the authorization and limitations of chemical substances (REACH) which institutes an European Agency for chemical substances and modifies Council Directive (CEE) 1999/45/CE and shall repeal regulation (CEE) n. 793/93 of the Council and regulation (CE) n. 1488/94 of the Commission, as well as Directive 76/769/CEE of the Council and the Directives of the Commission 91/155/CEE, 93/67/CEE, 93/105/CE e 2000/21/CE (G.U.U.E. L 396 of December 30 2006) and further modifications.- Regulation (CE) n. 1272/2008 of the European Parliament and the Council , of December 16 2008, relative to the classification, labelling, and packaging of substances and mixtures and repeals the directive 67/548/CEE e 1999/45/CE and amending Regulation (CE) n. 907/2006		
Further information	Reserved for industrial and professional use.		

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

Full text of H-Statements referred to under section 1 and 3:

Flam. Liq. 3	Flammable liquid, category 3
Asp. Tox. 1	Aspiration hazard, category 1
STOT SE 3	May cause damage to specific target organs - single exposure - category 3
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

LEGEND:

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration

- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

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2. Regulation (EU) 1272/2008 (CLP) of the European Parliament
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4. Regulation (EU) 453/2010 of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
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11. Handling Chemical Safety
12. INRS - Fiche Toxicologique (toxicological sheet)
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
15. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Changes to previous review:

The following sections were modified: 02 / 08 / 09 / 11 / 14.