

Safety Data Sheet

D11 UNIVERSAL THINNER SLOW



Safety Data Sheet dated 8/6/2016, version 1

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

1.1. Product identifier

Mixture identification:

Trade code and name: D11 UNIVERSAL THINNER SLOW

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

Thinner

Only for professional use.

1.3. Details of the supplier of the safety data sheet

Company:

Industria Chimica Reggiana I.C.R. Spa
Via Gasparini, 7 42124 REGGIO EMILIA Italia
Tel. +39 0522/517803 Fax +39 0522/514384

Competent person responsible for the safety data sheet:

sdsre@icrsprint.it

1.4. Emergency telephone number

Tel. +39 0522-517803

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

- ⚠ Warning, Flam. Liq. 3, Flammable liquid and vapour.
- ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.
- ⚠ Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.
Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

- H226 Flammable liquid and vapour.
- H336 May cause drowsiness or dizziness.
- H304 May be fatal if swallowed and enters airways.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P210 Keep away from open flames - No smoking.
- P260 Do not breathe vapours or spray.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.
- P331 Do NOT induce vomiting.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Special Provisions:

None

Contains

n-butyl acetate
Naphtha

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:



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Qty	Name	Ident. Number	Classification
>= 40% - < 50%	2-methoxy-1-methylethyl acetate	Index number: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9 REACH No.: 01-2119475791-29	⚠ 2.6/3 Flam. Liq. 3 H226
>= 30% - < 40%	n-butyl acetate	Index number: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 REACH No.: 01-219485493-29	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H336 EUH066
>= 15% - < 20%	Naphtha - hydrocarbons C9 aromatics	EC: 918-668-5 REACH No.: 01-2119455851-35	⚠ 2.6/3 Flam. Liq. 3 H226 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 3.10/1 Asp. Tox. 1 H304 ⚠ 3.8/3 STOT SE 3 H336 ⚠ 4.1/C2 Aquatic Chronic 2 H411 EUH066 DECLP (CLP)*
>= 15% - < 20%	2-butoxyethyl acetate	Index number: 607-038-00-2 CAS: 112-07-2 EC: 203-933-3 REACH No.: 01-2119475112-47	⚠ 3.1/4/Dermal Acute Tox. 4 H312 ⚠ 3.1/4/Inhal Acute Tox. 4 H332

*DECLP (CLP): Substance classified in accordance with Note P, Annex VI of EC Regulation (EC) 1272/2008. The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

See section 11 for known symptoms and effects.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.

Extinguishing media which must not be used for safety reasons:

Do not use water jets. Water may not be effective fire fighting measure, however it can be used to cool closed containers close to flames as to avoid bursting and exploding.

None in particular.

5.2. Special hazards arising from the substance or mixture



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Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.
Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)

See Point 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Italy - LTE(8h): 275 mg/m³, 50 ppm - STE: 550 mg/m³, 100 ppm - Notes: H

EU - LTE(8h): 275 mg/m³, 50 ppm - STE: 550 mg/m³, 100 ppm - Notes: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)

n-butyl acetate - CAS: 123-86-4

EU - LTE(8h): 713 mg/m³, 150 ppm - STE(): 200 ppm

ACGIH - LTE(8h): 713 mg/m³, 150 ppm - STE: 200 ppm - Notes: Eye and URT irr

Naphtha - hydrocarbons C9 aromatics

EU - LTE(8h): 100 mg/m³, 19 ppm

2-butoxyethyl acetate - CAS: 112-07-2

EU - LTE(8h): 133 mg/m³, 20 ppm - STE: 333 mg/m³, 50 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)

ACGIH - LTE(8h): 20 ppm - Notes: A3 - Hemolysis

DNEL Exposure Limit Values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Worker Professional: 153.5 mg/kg - Consumer: 54.8 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Professional: 275 mg/m³ - Consumer: 33 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

n-butyl acetate - CAS: 123-86-4

Consumer: 102.34 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects



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Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 480 mg/m³ - Consumer: 102.34 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 480 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
Naphtha - hydrocarbons C9 aromatics
Worker Professional: 25 mg/kg - Consumer: 11 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 100 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
2-butoxyethyl acetate - CAS: 112-07-2
Worker Professional: 133 mg/m³ - Consumer: 67 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 27 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects - Notes: bw/day
Consumer: 4.3 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: bw/day
Consumer: 18 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects - Notes: bw/day
Worker Professional: 773 mg/m³ - Consumer: 499 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 333 mg/m³ - Consumer: 166 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 102 mg/kg - Consumer: 36 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day
PNEC Exposure Limit Values
2-methoxy-1-methylethyl acetate - CAS: 108-65-6
Target: Intermittent emissions - Value: 100 mg/l
Target: Freshwater sediments - Value: 3.29 mg/kg
Target: Marine water sediments - Value: 0.329 mg/kg
Target: Soil - Value: 0.29 mg/kg
Target: Fresh Water - Value: 0.635 mg/l
Target: Marine water - Value: 0.0635 mg/l
n-butyl acetate - CAS: 123-86-4
Target: STP - Value: 35.6 mg/l
Target: Fresh Water - Value: 0.18 mg/l
Target: Marine water - Value: 0.01 mg/l
Target: Intermittent emissions - Value: 0.36 mg/l
Target: Freshwater sediments - Value: 0.98 mg/kg
Target: Marine water sediments - Value: 0.09 mg/kg
Target: Soil - Value: 0.09 mg/kg
2-butoxyethyl acetate - CAS: 112-07-2
Target: Purification plant - Value: 90 mg/l
Target: Fresh Water - Value: 0.304 mg/l
Target: Marine water - Value: 0.0304 mg/l
Target: Intermittent emissions - Value: 0.56 mg/l
Target: Freshwater sediments - Value: 2.03 mg/kg
Target: Marine water sediments - Value: 0.203 mg/kg
Target: Soil - Value: 0.68 mg/kg
Target: Oral - Value: 0.06 g/kg

8.2. Exposure controls

Eye protection:
Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:
Wear safety clothing that ensure full skin protection in accordance to EN 14605 Type 4 in case of spills or spray (e.g. Tyrek).
Please note: safety clothing must be changed immediately if it comes in contact with product.

Protection for hands:
Use protective gloves that provides comprehensive protection, EN374 Class 3 (F-I). Permeation time > 60 minutes; 0.4 mm thickness.

Respiratory protection:
Use adequate protective respiratory devices, using Filter "A" (Brown colour) for organic gas and vapors with boiling points over 65°C.

Thermal Hazards:
None

Environmental exposure controls:
Emissions from ventilation systems or from work processes must be check as to ensure compliance to environmental protection legislation. In some cases the addition of vapour scrubbers, filters or other system modification may be necessary in order to reduce emissions to acceptable levels.



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None
 Appropriate engineering controls:
 None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	Liquid trasparente	--	--
Odour:	Typical of solvent	--	--
Odour threshold:	N.D.	--	--
pH:	N.A.		
Melting point / freezing point:	- 66 °C	--	--
Initial boiling point and boiling range:	127°C	--	--
Flash point:	27°C	--	--
Evaporation rate:	N.D.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.D.	--	--
Vapour pressure:	15 hPa	--	--
Vapour density:	4,6 (air = 1)	--	--
Relative density:	0,916 g/cm ³	--	--
Solubility in water:	Insoluble	--	--
Solubility in oil:	N.D.	--	--
Partition coefficient (n-octanol/ water):		--	--
Auto-ignition temperature:	333°C	--	--
Decomposition temperature:	N.D.	--	--
Viscosity:	N.D.	--	--
Explosive properties:	N.D.	--	--
Oxidizing properties:	N.D.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--



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Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
Stable under recommended use and storage conditions (see point 7).
- 10.3. Possibility of hazardous reactions
It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), and nitrides.
It may catch fire on contact with oxidising mineral acids, powerful oxidising agents, and powerful reducing agents.
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
Avoid contact with combustible materials. The product could catch fire.
- 10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the mixture:

N.A.

Toxicological information of the main substances found in the mixture:

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 35.7 mg/l

Test: LD50 - Route: Oral - Species: Rat = 8500 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/l

n-butyl acetate - CAS: 123-86-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 6400 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 21.1 mg/l - Duration: 4h

Naphtha - hydrocarbons C9 aromatics

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m3

Test: LD50 - Route: Oral - Species: Rat = 3592 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg

2-butoxyethyl acetate - CAS: 112-07-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2400 mg/kg

Test: LD50 - Route: Oral - Species: Mouse = 3200 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 1580 mg/kg

Naphtha - hydrocarbons C9 aromatics -

Acute toxicity:

Inhalation: vapour concentrations exceeding recommended exposure levels are irritating to eyes and respiratory tract, and may cause headache, dizziness and other effects on the central nervous system.

Skin contact: Low toxicity index.

Frequent or prolonged contact may dry the skin, causing dermatitis.

Eye contact: may cause discomfort to eyes with slight irritation, but with no tissue damage.

Ingestion: even small amounts of liquid introduced into the respiratory system during ingestion may cause bronchitis or lung damage. Low toxicity index.

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.



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SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 96

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Duration h: 336

Endpoint: NOEC - Species: Daphnia > 100 mg/l - Duration h: 504

Endpoint: NOEC - Species: Algae > 1000 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish = 100 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia = 408 mg/l - Duration h: 48

n-butyl acetate - CAS: 123-86-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 648 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96

Naphtha - hydrocarbons C9 aromatics

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 3.2 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2.9 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 9.2 mg/l

Endpoint: EC50 - Species: Algae = 1 mg/l - Notes: NOEC

12.2. Persistence and degradability

Non-readily biodegradable

12.3. Bioaccumulative potential

Not bioaccumulative

12.4. Mobility in soil

Do not mix with waste water, rain or surface water. Floats on water, evaporates from liquid and solid surfaces but a significant amount may penetrate and pollute water table.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The empty containers must be considered special waste materials to take to dump of type 2B. If previously cleansed, they can be admitted in first class dumps.

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information



Limited quantities, not subject to ADR norms for internal packaging of up to 5 litres and maximum packaging of 30kg.

14.1. UN number

ADR-UN Number: 1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

14.2. UN proper shipping name

ADR-Shipping Name: PAINT

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

14.3. Transport hazard class(es)

ADR-Class: 3

ADR-Label: 3

ADR - Hazard identification number: 30

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3



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IMDG-Class:	3.3
14.4. Packing group	
ADR-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III
14.5. Environmental hazards	
ADR-Environmental Pollutant:	No
IMDG-Marine pollutant:	No
14.6. Special precautions for user	
ADR-Subsidiary risks:	-
ADR-S.P.:	163 367 640E 650
ADR-Tunnel Restriction Code:	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-Page:	3372
IMDG-EmS:	F-E , S-E
IMDG-Subsidiary risks:	-
IMDG-MFAG:	310-313
IMDG-Storage category:	Category A
IMDG-Storage notes:	-
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code	
N.A.	

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Volatile Organic compounds - VOCs = 1000 g/Kg = 916 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.19

Dry weight (% wt): 0

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC (Seveso), 96/82/EC (Seveso II):
N.A.

15.2. Chemical safety assessment
No

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.
H335 May cause respiratory irritation.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
H312 Harmful in contact with skin.



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H332 Harmful if inhaled.

This safety data sheet has been completely updated in compliance to Regulation 2015/830.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
N.A.:	Not available
N.D.:	Not determined.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

