

Material number 13440

Revision date: 20.3.2024
Version: 9.0
Replaces version: 8.1
Language: en-DE
Date of print: 15.4.2024

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH) and Regulation (EU)

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

1.1 Product identifier

Trade name: AUTOL GRAND PRIX LL PLUS 10W-40

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

General use: Motor oil

1.3 Details of the supplier of the safety data sheet

Company name: Enilive Schmiertechnik GmbH

Street/POB-No.: Paradiesstraße 14
Postal Code, city: 97080 Würzburg

Germany

E-mail: info.wuerzburg@enilive.com

Telephone: +49 (0)931-90098-0 Telefax: +49 (0)931-98442

Department responsible for information:

Application Engineering & Product Management (AEPM)

Telephone: +49 (0)931-90098-0 E-mail: technik.wuerzburg@enilive.com

1.4 Emergency telephone number

GIZ-Nord, Göttingen

Telephone: +49 (0)551-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statements: not applicable
Precautionary statements: not applicable



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2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Hot product can cause severe burns.

After contact with water: Product may release Hydrogen Sulphide.

Information about hydrogen sulfide: Extremely flammable gas. Fatal if inhaled. Very toxic to aquatic life.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% (w/w) or higher. The product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: A mixture of hydrocarbons, polyolefins and additives.

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119484627-25-xxxx EC No. 265-157-1 CAS 64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic Asp. Tox. 1; H304.	≤ 95 %
REACH 01-2119487067-30-xxxx EC No. 265-091-3 CAS 64741-89-5	Distillates (petroleum), solvent-refined light paraffinic Asp. Tox. 1; H304.	1,5 - 3 %
EC No Index no CAS -	Base oil not classified	1 - 3 %
REACH 01-2119471299-27-xxxx EC No. 265-169-7 CAS 64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic not classified	1 - 1,5 %
REACH 01-0000015551-76-xxxx EC No. 406-040-9 CAS 125643-61-0	Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate Aquatic Chronic 4; H413.	≤ 1 %

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

Additional information: The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.

After contact with water: Product may release Hydrogen Sulphide. The maximum

workplace exposure limits are, where necessary, listed in section 8.



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SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable

for breathing. Seek medical attention if problems persist.

Following skin contact: After contact with skin, wash immediately with soap and plenty of water. Take off

contaminated clothing and wash it before reuse.

Following fire: Apply bandage with sterile gauze. In case of skin reactions, consult a

physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids

apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye

irritation consult an ophthalmologist.

After swallowing: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an

unconscious person. Do not induce vomiting. Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

In case of inhalation:

In case of prolonged exposure: Irritation to respiratory tract, nausea, dizziness. In case of ingestion: Irritation, nausea, discomfort, gastrointestinal irritation.

After contact with skin: The hot material can cause burns. After eye contact: Causes temporarily: Redness, irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

In case of inhalation (hydrogen sulfide): Take to a hospital immediately.

Injection through the skin is a major medical emergency due to contact with a high

pressure product.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, foam, extinguishing powder, earth, sand, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet.

5.2 Special hazards arising from the substance or mixture

Combustible.

May form dangerous gases and vapours in case of fire.

Furthermore, there may develop: Calcium oxide, zinc oxide, sulphur oxides, hydrogen sulfide, nitrogen oxides (NOx), phosphorus oxides, carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

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Additional information:

Use fine water spray to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

Do not allow water used to extinguish fire to enter drains, ground or waterways. Fire residuals and contaminated extinguishing water must be disposed of in accordance

with the regulations of the local authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe mist/vapours/spray. Avoid oil mist formation. Provide adequate ventilation. Avoid contact with the substance. Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Remove all sources of ignition.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains.

If necessary notify appropriate authorities.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal. Prevent spread over a wide area (e.g. by containment or oil barriers). Never return spills in original containers for re-use.

Additional information:

Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed. Do not breathe mist/vapours/spray. Avoid oil mist formation. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Don't put cleaning rags fouled by oil into trousers pockets. Work place should be equipped with a shower and an eye rinsing apparatus.

Precautions against fire and explosion:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

When handling larger quantities, take precautionary measures against electrostatic charging.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.

Keep container dry. Keep only in the original container.

Protect from heat and direct sunlight.

Store containers in upright position.



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Hints on joint storage: Do not store together with: Strong oxidizing agents.

Keep away from food, drink and animal feedingstuffs.

Storage class: 10 = Combustible liquids, unless storage class 3

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Туре	Limit value
7783-06-4	Hydrogen sulphide	Europe: IOELV: STEL	14 mg/m³; 10 ppm
	, ,	Europe: IOELV: TWA	7 mg/m³; 5 ppm
		Germany: TRGS 900 Kurzzeit	14,2 mg/m ³ ; 10 ppm
		Germany: TRGS 900 Langzeit	7,1 mg/m³; 5 ppm

DNEL/DMEL: Information about Distillates (petroleum), hydrotreated heavy paraffinic:

DNEL Workers, long-term, systemic, inhalative: 2,73 mg/m³ DNEL Workers, long-term, local, inhalative: 5,58 mg/m³ DNEL Workers, long-term, systemic, dermal: 0,97 mg/kg bw/d DNEL Consumer, long-term, systemic, oral: 0,74 mg/kg bw/d

Information about Distillates (petroleum), solvent-dewaxed heavy paraffinic:

DNEL Workers, long-term, systemic, inhalative: 2,73 mg/m³ DNEL Workers, long-term, local, inhalative: 5,58 mg/m³ DNEL Workers, long-term, systemic, dermal: 0,97 mg/kg bw/d DNEL Consumer, long-term, systemic, oral: 0,74 mg/kg bw/d

PNEC: Information about Distillates (petroleum), hydrotreated heavy paraffinic:

PNEC oral: 9,33 mg/kg Food

Information about Distillates (petroleum), solvent-dewaxed heavy paraffinic:

PNEC oral: 9,33 mg/kg Food

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection: In case of inadequate ventilation wear respiratory protection. Respiratory protection must

be worn whenever the WEL levels have been exceeded. Recommended: Combination filtering device (EN 14387).

In case of release of hydrogen sulfide: Wear a full face respirator conforming to EN

136/140/145 with Type B filter or better.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

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Hand protection: Protective gloves according to DIN EN 374.

Glove material: Nitrile rubber, PVC Breakthrough time: ≥ 240 min

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to DIN EN ISO 16321-1:2022.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:

Do not breathe mist/vapours/spray. Avoid oil mist formation. Do not get in eyes, on skin,

or on clothing. Do not eat, drink or smoke when using this product. Wash hands

thoroughly after handling. Take off contaminated clothing and wash it before reuse. Don't put cleaning rags fouled by oil into trousers pockets. Work place should be equipped with

a shower and an eye rinsing apparatus.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa liquid

Colour: yellow-brown, clear

Odour: Like petroleum (weak)

Odour threshold: No data available

Melting point/freezing point: No data available

Initial boiling point and boiling range: > 300 °C (Distillates (petroleum), hydrotreated heavy paraffinic)

Flammability: This product is non-flammable.

Upper/lower flammability or explosive limits: LEL (Lower Explosion Limit): Not applicable

UEL (Upper Explosive Limit): Not applicable

Flash point/flash point range: 228 °C (ASTM D 93)

Decomposition temperature: No data available

pH: No data available

Viscosity, kinematic: at 40 °C: 94 mm²/s (ASTM D 445)

at 100 °C: 14,2 mm2/s (ASTM D 445)

Water solubility: Immiscible and insoluble

Partition coefficient: n-octanol/water: 2 - 6 log P(o/w) (Distillates (petroleum), hydrotreated heavy paraffinic)

Based on the n-octanol/water partition coefficient accumulation in organisms

is possible.

1,99 - 18,02 log P(o/w) (Distillates (petroleum), solvent-dewaxed heavy

parattinic)

Based on the n-octanol/water partition coefficient accumulation in organisms

is possible.

Vapour pressure: at 20 °C: < 0,1 hPa (Distillates (petroleum), hydrotreated heavy paraffinic)

Density: at 15 °C: 0,866 g/mL (ASTM D 4052)

Vapour density: No data available
Particle characteristics: Not applicable



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9.2 Other information

Explosive properties: Explosion limits: ≥ 45 g/m³ (Aerosol)

Oxidizing characteristics: No data available

Auto-ignition temperature: No data available

Evaporation rate: No data available

Additional information: Softening point: -33 °C (ASTM D 5950)

Critical pressure: Not applicable Critical temperature: Not applicable Total Base Number (TBN): 10,8 mgKOH/g

SECTION 10: Stability and reactivity

10.1 Reactivity

After contact with water: Product may release Hydrogen Sulphide.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

When in contact with: Strong oxidizing agents. Risk of fire.

10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames.

Protect from direct sunlight. Protect from moisture contamination.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Hydrogen sulfide.

Thermal decomposition: No data available



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SECTION 11: Toxicological information

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

Toxicological effects:

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

Skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met. Kinematic viscosity (40 °C): ≥ 20,5 mm²/s



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11.2 Information on other hazards

Endocrine disrupting properties:

None

Other information: Information about Distillates (petroleum), hydrotreated heavy paraffinic:

LD50 Rat, oral: > 5.000 mg/kg (OECD 401) LD50 Rabbit, dermal: > 5.000 mg/kg (OECD 402) LC50 Rat, inhalative (dusts/mist): > 5,3 mg/L/4h

Information about Distillates (petroleum), solvent-refined light paraffinic:

LD50 Rat, oral: > 5.000 mg/kg (OECD 401) LD50 Rabbit, dermal: > 5.000 mg/kg (OECD 402) LC50 Rat, inhalative (dusts/mist): > 5,3 mg/L/4h

Information about Base oil:

LD50 Rat, oral: > 5.000 mg/kg (OECD 401) LD50 Rat, dermal: > 5.000 mg/kg (OECD 402)

LC50 Rat, inhalative (dusts/mist): > 5 mg/L/4h (OECD 403)

Information about Distillates (petroleum), solvent-dewaxed heavy paraffinic:

LD50 Rat, oral: > 5.000 mg/kg (OECD 401) LD50 Rabbit, dermal: > 5.000 mg/kg (OECD 402) LC50 Rat, inhalative (dusts/mist): > 5,3 mg/L/4h

Information about Reaction mass of isomers of: C7-9-alkyl

3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate: LD50 Rat, oral: > 2.000 mg/kg (OECD 420) LD50 Rat, dermal: > 2.000 mg/kg (OECD 402)

Symptoms

In case of inhalation:

In case of prolonged exposure: Irritation to respiratory tract, nausea, dizziness. In case of ingestion: Irritation, nausea, discomfort, gastrointestinal irritation.

After contact with skin: The hot material can cause burns. After eye contact: Causes temporarily: Redness, irritation.



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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Information about Distillates (petroleum), hydrotreated heavy paraffinic:

Fish toxicity:

LL50 Pimephales promelas (fathead minnow): > 100 mg/L/96h (OECD 203)

Daphnia toxicity:

EL50 Daphnia magna (Big water flea): > 10.000 mg/L/48h (OECD 202)

Algae toxicity:

NOEL Pseudokirchneriella subcapitata (green algae): ≥ 100 mg/L/72h (OECD 201)

Information about Distillates (petroleum), solvent-refined light paraffinic:

Fish toxicity:

LL50 Pimephales promelas (fathead minnow): > 100 mg/L/96h (OECD 203)

Daphnia toxicity:

EL50 Daphnia magna (Big water flea): > 10.000 mg/L/48h (OECD 202)

Algae toxicity:

NOEL Pseudokirchneriella subcapitata (green algae): ≥ 100 mg/L/72h (OECD 201)

Information about Base oil:

Fish toxicity: LC50: > 100 mg/L Daphnia toxicity:

EC50: > 10.000 mg/L/48h (OECD 202)

Information about Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Fish toxicity:

LL50 Pimephales promelas (fathead minnow): > 100 mg/L/96h (OECD 203)

Daphnia toxicity:

EL50 Daphnia magna (Big water flea): > 10.000 mg/L/48h (OECD 202)

Algae toxicity:

NOEL Pseudokirchneriella subcapitata (green algae): ≥ 100 mg/L/72h (OECD 201)

Information about Reaction mass of isomers of: C7-9-alkyl

3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate:

Fish toxicity:

LC50 Oncorhynchus mykiss: > 0,001 mg/L/96h (OECD 203) NOEC Chinese rare minnow: 100 mg/L/28d (OECD 215)

Daphnia toxicity:

EL50 Daphnia magna (Big water flea): > 100 mg/L/48h (OECD 202) EL50 Daphnia magna (Big water flea): 100 mg/L/21d (OECD 211)

Algae toxicity:

EL50 Desmodesmus subspicatus (green algae): > 100 mg/L/72h (OECD 201)

Water Hazard Class: 1 = slightly hazardous to water (Self-classification (mixture).)

Further details: Product is not soluble in water, and floats on water. Forms a thin oil film on water surfaces.

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12.2 Persistence and degradability

Further details: Information about Distillates (petroleum), hydrotreated heavy paraffinic:

Inherently biodegradable.

Information about Distillates (petroleum), solvent-refined light paraffinic:

31%/28d. Inherently biodegradable.

Information about Distillates (petroleum), solvent-dewaxed heavy paraffinic:

31%/28d. Inherently biodegradable.

Information about Reaction mass of isomers of: C7-9-alkyl

3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate:

Not biodegradable.

12.3 Bioaccumulative potential

Bioconcentration factor (BCF):

Information about Distillates (petroleum), solvent-dewaxed heavy paraffinic:

0,4 - 71.100 L/kg

Information about Reaction mass of isomers of: C7-9-alkyl

3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate:

58 L/kg

12.4 Mobility in soil

Information about Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Log Koc: 1,71 - 14,7

12.5 Results of PBT and vPvB assessment

The product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

None

12.7 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 13 02 05* = Mineral-based non-chlorinated engine, gear and lubricating oils

* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.

Package

Recommendation: Dispose of waste according to applicable legislation. Handle contaminated packages in

the same way as the substance itself.

Empty containers may contain flammable product residues. Do not cut, weld, bore, burn or incinerate emptied containers unless they have been cleaned and declared safe. Empty containers should be disposed of in accordance with local regulations.

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SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

14.2 UN proper shipping name

ADR/RID, ADN, IMDG, IATA-DGR:

Not restricted

14.3 Transport hazard class(es)

ADR/RID. ADN. IMDG. IATA-DGR:

not applicable

14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR:

not applicable

14.5 Environmental hazards

Dangerous for the environment:

Substance/mixture is not environmentally hazardous according to the criteria of the UN

model regulations.

Marine pollutant - IMDG: no

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

National regulations - Germany

Storage class: 10 = Combustible liquids, unless storage class 3

Water Hazard Class: 1 = slightly hazardous to water (Self-classification (mixture).)

Technical guidance air: 5.2.5

Further regulations, limitations and legal requirements:

No data available

National regulations - EC member states

Further regulations, limitations and legal requirements:

No data available



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15.2 Chemical Safety Assessment

For the following substances of this mixture a chemical safety assessment has been

carried out: Distillates (petroleum), hydrotreated heavy paraffinic

Distillates (petroleum), solvent-refined light paraffinic Distillates (petroleum), solvent-dewaxed heavy paraffinic

Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate

SECTION 16: Other information

Wording of the H-phrases under paragraph 2 and 3:

H304 = May be fatal if swallowed and enters airways.

H413 = May cause long lasting harmful effects to aquatic life.

Reason of change: Changes in section 1: Details of the supplier of the safety data sheet

Changes in section 3: Composition / Information on ingredients

Changes in section 8: Control parameters

Changes in section 9: Physical and chemical properties

General revision

Date of first version: 21.10.2021

Department issuing data sheet:

see section 1: Department responsible for information

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Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

Aquatic Chronic: Hazardous to the aquatic environment - chronic

AS/NZS: Australian Standards/New Zealand Standards

Asp. Tox.: Aspiration toxicity CAS: Chemical Abstracts Service CFR: Code of Federal Regulations

CLP: Classification, Labelling and Packaging

DMEL: Derived minimal effect level DNEL: Derived no-effect level EC: European Community EC50: Effective Concentration 50% EL50: Effective loading rate 50%

EN: European Standard EQ: Excepted quantities

EU: European Union

IATA: International Air Transport Association

IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IMDG Code: International Maritime Dangerous Goods Code

LC50: Median lethal concentration

LD50: Lethal dose 50% LEL: Lower Explosion Limit

log P(o/w): Partition coefficient: octanol/water

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

NOEC: No Observed Effect Concentration

NOEL: No Observed Effect Level

OECD: Organisation for Economic Co-operation and Development

OEL: Occupational Exposure Limit Value

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic PNEC: Predicted no-effect concentration

PVC: Polyvinyl chloride

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail

TLV: Threshold Limit Value

TRGS: Technical Rules for Hazardous Substances vPvB: Very persistent and very bioaccumulative

WEL: Workplace Exposure Limit

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

Most recent product information is available at: http://sumdat.net/gsr4bg0h