

Safety Data Sheet

CAMPAGNOLA LUBE SPRAY GREASE

Safety Data Sheet of: 11/04/2023 - Revision 1

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

1. Product identifier

Mixture identification:

Commercial name: CAMPAGNOLA LUBE SPRAY GREASE

Commercial code: 4091.00

UFI: K26U-5VKW-PS3K-CHM8

2. Relevant identified uses of the substance or mixture and discouraged uses

Recommended use: Lubricant Not

recommended: N.O.

3. Safety Data Sheet Provider Information

Supplier: Pakelo Motor Oil Srl

Viale delle Fontanelle 54

IT-37047 San Bonifacio (VR)

+39 045 6101643

schede.sicurezza@pakelo.it

Responsible person responsible for the safety data sheet: N.A.

1. Emergency telephone number

Pakelo Motor Oil Srl - +39 0456101643 - San Bonifacio (VR) Italy (Mon-Fri 8 - 12 / 14 - 18)

Poison Control Center - Niguarda Cà Granda Hospital - Milan - Tel. 02 66101029

Poison Control Center - Centro Naz. of Toxicological Information - Pavia - Tel. 0382

24444 Poison Control Centre - Pope John XXII Hospital - Bergamo - Tel. 800883300

Poison Control Centre - A. Cardarelli Hospital - Naples - Tel. 081 7472870

Poison Control Centre - Careggi Hospital - Florence - Tel. 055 7947819

Poison Control Center - Ist. Anestes. and Rianim. Gemelli Polyclinic - Rome - Tel. 06

3054343 Poison Control Center - Az. Ospedaliera Univ. Foggia - Foggia - Tel 0881 732326

Poison Control Centre - Policlinico "Umberto I" - Rome - Tel 06 4997 8000

Poison Control Centre - Bambino Gesù Children's Hospital - Rome - Tel 06 6859 3726

Poison Control Centre - Integrated University Hospital of Verona - Verona - Tel 800 011 858

SECTION 2: Hazard Identification



1. Classification of the substance or mixture

Regulation (EC) No 1272/2008 (CLP)

Aerosols 1 Highly flammable aerosol. Pressurized container: May explode if heated.

Skin Irrit. 2 Causes skin irritation.

STOT SE 3 May cause drowsiness or dizziness.

Aquatic Chronic 3 Harmful to aquatic organisms with long-lasting effects.

Physicochemical effects harmful to human health and the environment:

No other hazards

2. Label elements

Criteria EC Regulation 1272/2008 (CLP):

Description Symbols



Danger

Hazard Statements

- H222, H229 Highly flammable aerosol. Pressurized container: May explode if heated. H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic organisms with long-lasting effects.

Precautionary statements

- P210 Keep away from heat sources, hot surfaces, sparks, open flames, or other sources of ignition. Do not smoke.
- P211 Do not vaporize over an open flame or other ignition source.
- P251 Do not drill or burn, even after use.
- P261 Avoid breathing dust/fumes/gases/mist/vapors/aerosols. P271 Use only outdoors or in a well-ventilated place.
- P410+P412 Protect from sunlight. Do not expose to temperatures above 50 °C/122 °F.
- P501 Dispose of the product/container in accordance with the regulations.

Contains

Hydrocarbons, C6, isoalkanes, <5% n-hexane

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

None

1. Other hazards

No PBT, vPvB or endocrine disrupting substances present in a concentration $\geq 0.1\%$ Other hazards: No other hazards

SECTION 3: Composition/Ingredient Information

1. Substances

N.A.

2. Mixtures

Mixture identification: CAMPAGNOLA LUBE SPRAY GREASE

Hazardous components under CLP and classification:

Qta	Name	ID Number. Classification	Registration Number
10-25 %	butane	CAS:106-97-8 Flam. Gas 1A, H220; Gas Press, H280 EC:203-448-7 Index:601-004-00-0	01-2119474691-32
10-25 %	Hydrocarbons, C6, isoalkanes, <5% n-hexane	CAS:64742-49-0 Flam. Liq. 2, H225; Skin Irrit. 2, H315; STOT SE 3, H336; Asp. Tox. 1, H304; Aquatic Chronic 2, H411 EC:931-254-9	01-2119484651-34
10-25 %	propane	CAS:74-98-6 Press. Gas, H280; Flam. Gas 1A, H220 EC:200-827-9 Index:601-003-00-5	01-2119486944-21
5-10 %	residual oils (petroleum), solvent refined; Base oil - not specified	CAS:64742-01-4 DECLL(*) EC:265-101-6 Index:649-459-00-4	01-2119488707-21
5-10 %	isobutano	CAS:75-28-5 Flam. Gas 1A, H220; Gas Press, H280 EC:200-857-2 Index:601-004-00-0	01-2119485395-27

5-10 %	lubricating oils (petroleum), C24-50, solvent extracted, dewaxed, hydrogenated; Base oil - not specified	CAS:101316-72- DECLL(*) 7 EC:309-877-7 Index:649-530-00-X	01-2119489969-06
--------	--	--	------------------

(*)DECLL Substance classified in accordance with Note L, of Annex VI of EC Regulation 1272/2008.

The harmonised classification as carcinogenic shall apply unless it can be demonstrated that the substance contains less than 3 % of dimethyl sulfoxide extract according to measurement IP 346 ('Determination of polycyclic aromatics in unused lubricating base oils and asphaltene-free petroleum fractions — extraction of dimethyl sulfoxide', Institute of Petroleum, London), in which case a classification shall be carried out in accordance with Title II of this Regulation also for this hazard class.

SECTION 4: First aid measures

1. Description of first aid measures

In case of skin contact:

Remove contaminated clothing immediately.

Immediately wash the areas of the body that have come into contact with the product, even if only suspicious, with plenty of running water and soap if necessary.

Wash the body completely (shower or bath).

Remove contaminated clothing immediately and dispose of it safely.

In case of contact with skin, wash immediately with plenty of soapy water.

In case of contact with eyes:

In case of contact with the eyes, rinse them with water for an appropriate period of time and keeping the eyelids open, then consult an ophthalmologist immediately.

Protect the uninjured eye.

If swallowed:

Do not induce vomiting, seek medical attention by showing this SDS and hazard labeling.

In case of inhalation:

Take the victim to fresh air and keep him warm and resting.

1. Main symptoms and effects, both acute and delayed

The most important symptoms and effects are reported in section 11.

2. Indication of whether medical attention and special treatment are required immediately

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

Treatment: Treat symptomatically. In case large amounts are ingested or inhaled, contact a poison control center or physician.

SECTION 5: Firefighting Measures

1. Extinguishing media

Suitable extinguishing means:

CO2 or Powder fire extinguisher.

Extinguishing media that must not be used for safety reasons:

Avoid using water jets. Use water jets only to cool the surfaces of containers exposed to fire.

2. **Special hazards from the substance or mixture** Do not inhale gases produced by explosion and combustion.

Combustion produces heavy smoke.

3. Recommendations for Fire Extinguishers

Employ appropriate respiratory equipment.

Collect contaminated water used to extinguish the fire separately. Do not drain it into the sewer system. If safe feasible, remove undamaged containers from the area of immediate danger.

SECTION 6: Accidental Release Measures

1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective equipment. Remove all ignition sources.
Move people to a safe place.
Refer to the protective measures set out in points 7 and 8.

For those who intervene directly:

Wear personal protective equipment.

2. Environmental Precautions

Prevent penetration into the soil/subsoil. Prevent runoff into surface water or the sewer system. Retain contaminated wash water and discard it.
In the event of a gas leak or penetration into waterways, soil or sewage systems, inform the responsible authorities. Material suitable for collection: absorbent material, organic, sand

3. Methods and materials for containment and remediation

Material suitable for collection: absorbent material, organic material, sand Wash with plenty of water.

4. Reference to other sections

See also sections 8 and 13

SECTION 7: Handling and Storage

1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapors and mists. Do not use on large areas in inhabited areas.
Do not use empty containers before they have been cleaned.
Before transferring, make sure that there are no residual incompatible materials in the containers.
Contaminated clothing should be replaced before entering the dining areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

General recommendations on occupational hygiene:

2. Conditions for safe storage, including any incompatibilities

Store at temperatures below 20 °C. Keep away from open flames and heat sources. Avoid direct exposure to the sun. Keep away from open flames, sparks, and heat sources. Avoid direct exposure to the sun.

Incompatible subjects:

None in particular.

Indication for the premises:

Fresh and properly ventilated.

1. Special end uses

Recommendations

No special use

Industry-specific solutions No special use

SECTION 8: Exposure/Personal Protective Controls

1. Control parameters

Occupational Exposure Limits (OELs)

	OEL	Occupational Exposure Limit
butane CAS: 106-97-8	ACGIH	Short Term 1000 ppm (EX) - CNS impair
Idrocarburi, C6, isoalkani, <5% n-hexane CAS: 64742-49-0	EU	Long Term 1200 mg/m ³
propano	ACGIH	(D, EX) - Asphyxia

CAS: 74-98-6

residual oils (petroleum), refined ACGIH Long-term 5 mg/m³; Short term 10 mg/m³
with solvent; Base oil - not specified ACGIH

CAS: 64742-01-4

isobutano ACGIH Short Term 1000 ppm (EX) -
CAS: 75-28-5 CNS impair

lubricating oils (petroleum), C24-50, solvent-extracted, ACGIH Long-term 5 mg/m³; Short term 10 mg/m³
dewaxed, hydrogenated;
Base oil - not specified
CAS: 101316-72-7

NECP values

residual oils PNEC LIMIT: 9.33 mg/kg
(petroleum), solvent
refined; Base oil - not
specified
CAS: 64742-01-4

DNEL values

residual oils Exposure Route: Human Inhalation; Exposure Frequency: Long-term, local effects Worker
(petroleum), solvent Professional: 5.6 mg/m³
refined; Base oil - not
specified
CAS: 64742-01-4

Exposure Route: Human Inhalation; Exposure Frequency: Long-term, systemic effects
Worker Professional: 2.7 mg/m³

Exposure Route: Human Cutaneous; Exposure Frequency: Long-term, systemic effects
Worker Professional: 1 mg/kg

Exposure Route: Human Oral; Exposure Frequency: Long-term, systemic effects Consumer:
0.74 mg/kg

Exposure Route: Human Inhalation; Exposure Frequency: Long-term, local effects
Consumer: 1.2 mg/m³

1. Exposure Controls

Eye Protection:

Not required for normal use. However, operate according to good working practices.

Skin protection:

No special precautions are required for normal use.

Hand protection:

Use protective gloves that provide total protection, e.g. made of PVC, neoprene or rubber.

Respiratory protection:

Not necessary under normal conditions of use. Use masks
with filters for organic vapours in case of exceeding the exposure limits.

Thermal risks:

N.A.

Environmental Exposure Controls:

N.O.

Technical and Hygiene Measures

N.A.

SECTION 9: Physical and Chemical Properties

1. Information on fundamental physical and chemical properties

Physical State: Liquid

Gas Yellow Color

Odor: N.A. pH:
N.A.
Kinematic viscosity: N.O.
Melting/freezing point: N.O.
Initial boiling point and boiling range: N.O. Flash point: <0°C
Upper/lower flammability or explosion limit: N.O. Vapour
density: 2
Vapour pressure: 300.00 (kPa 50°C).
Relative density: N.O.
Water Solubility: Insoluble
Oil Solubility: Soluble
Partition coefficient (n-octanol/water): N.A. Stability of
nanoform dispersion:
Auto-ignition temperature: 300.00 °C
Decomposition temperature: N.O. Viscosity:
N.O.
Flammability: N.O.
Volatile Organic Compounds - VOCs = N.O.

Particle characteristics:

Particle size: N.O.

1. Other information

Miscibility: N.O.
Conductivity: N.O.
Evaporation Rate: N.O. No other relevant information

SECTION 10: Stability and Responsiveness

1. Reactivity

Stable under normal conditions

2. Chemical Stability

Data not available.

3. Possibility of dangerous reactions

Nobody.

4. Conditions to avoid

Stable under normal conditions.

5. Incompatible materials

Avoid contact with oxidizing materials. The product may catch fire.

6. Hazardous decomposition products

Nobody.

SECTION 11: Toxicological information

1. Information on the hazard classes defined in Regulation (EC) No 1272/2008 Toxicological information of the preparation

1. Acute toxicity	Not classified
	On the basis of the available data, the classification criteria are not met.
2. Skin corrosion/irritation	The product is classified: Skin Irrit. 2(H315)
3. serious eye injury/severe eye irritation	Unclassified
	On the basis of the available data, the classification criteria are not met.
4. respiratory or skin sensitization	Unclassified
	On the basis of the available data, the classification criteria are not met.

1. Germ cell mutagenicity	Unclassified
2. carcinogenicity	On the basis of the available data, the classification criteria are not met. Not classified
3. reproductive toxicity	On the basis of the available data, the classification criteria are not met. Not classified
4. Specific Target Organ Toxicity (STOT) — Single Exposure	On the basis of the available data, the classification criteria are not met. The product is classified: STOT SE 3(H336)
5. Specific Target Organ Toxicity (STOT) — repeated exposure	Unclassified
6. Suction hazard	On the basis of the available data, the classification criteria are not met. Not classified On the basis of the available data, the classification criteria are not met.

The toxicological information regarding the main substances present in the mixture is as follows:

residual oils (petroleum), solvent refined; Base oil - not specified a) acute toxicity LD50 Oral Rat > 5000 mg/kg

LD50 Frog Skin > 5000 mg/kg
LC50 Inhalation Rat > 5 mg/l 4h

lubricating oils (petroleum), C24-50, solvent extracted, dewaxed, hydrogenated; Base oil - not specified a) acute toxicity LD50 Oral Rat > 5000 mg/kg

LD50 Skin Rat > 5000 mg/kg LC50
Inhalation Rat > 5 mg/l 4h

2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptors present in a concentration $\geq 0.1\%$

SECTION 12: Ecological information

1. Toxicity

Use according to good working practices, avoiding dispersing the product into the environment. Eco-toxicological information:

Harmful to aquatic organisms with long-lasting effects.

List of Eco-Toxicological Properties of the product

The product is classified: Aquatic Chronic 3(H412)

List of Eco-Toxicological Properties of the Components Component

Number Ident. Eco-Tox Information.

residual oils (petroleum), solvent refined; Base oil - not specified CAS: 64742-01-4 - EINECS: 265-101-6 - INDEX: 649-459-00-4 a) Acute aquatic toxicity: LC50 Fish > 100 mg/L

lubricating oils (petroleum), C24-50, solvent extracted, dewaxed, hydrogenated; Base oil - not specified

CAS: 101316-72-7 -
EINECS:
309-877-7 -
INDEX: 649-530-00-X

e) Toxicity to plants : EC50 Dafnie > 10000 mg/L 48h

a) Acute aquatic toxicity: LC50 Fish > 100 mg/L 48h

e) Toxicity to plants : EC50 Dafnie > 10000 mg/L

a) Acute aquatic toxicity: LC50 Fish > 100 mg/L

e) Toxicity to plants : EC50 Dafnie > 10000 mg/L 48h

1. Persistence and degradability

N.A.

2. Bioaccumulation potential

N.A.

3. Mobility in soil

N.A.

4. PBT and vPvB assessment results

5. Endocrine-disrupting properties

No endocrine disruptors present in a concentration $\geq 0.1\%$

6. Other adverse effects

There are no PBT components.

N.A.

SECTION 13: Disposal Considerations

1. Waste treatment methods

Recover if possible. Send to authorized disposal facilities or incineration under controlled conditions. Operate in accordance with applicable local and national regulations.

SECTION 14: Transportation Information

1. UN number or ID number

1950

2. Official UN Transport Designation

ADR - Shipping Name: AEROSOLS, IATA

flammables - Shipping Name: AEROSOLS,

FLAMMABLE IMDG - Shipping Name: AEROSOLS

3. Transport hazard classes

ADR-Class: 2

IATA-Class: 2.1

IMDG-Class: 2

4. Packaging unit

ADR-Packaging group: - IATA-

Packaging group: - IMDG-

Packaging group: -

5. Hazards to the

environment Marine

pollutant: No

Environmental pollutant:

No IMDG-EMS: F-D, S-U

6. Special precautions for users

Road and Rail (ADR-RID):

ADR-Label: 2.1

ADR - Hazard Identification Number:-

ADR-Special Provisions: 190 327 344 625

ADR-Transport category (Tunnel restriction code): 2 (D)

Aria (IATA):

IATA-Passenger Aircraft: 203

IATA-Cargo Aircraft: 203

IATA-Label: 2.1

IATA-Secondary Hazard: -

IATA-Erg: 10L

IATA-Special Provisions: A145 A167 A802 Sea

(IMDG):

IMDG-Stewage Code: SW1 SW22

IMDG-Stewage Note: SG69

IMDG-Secondary Hazard: See SP63

IMDG-Special Provisions: 63 190 277 327 344 381 959

1. Bulk shipping in accordance with IMO acts

N.A.

SECTION 15: Regulatory Information

1. Health, safety and environmental laws and regulations specific to the substance or mixture

Legislative Decree 9/4/2008 n. 81

Ministerial Decree of Labour 26/02/2004 (Occupational exposure limits) Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 790/2009 (ATP 1 CLP) and (EU) No 758/2013

Regulation (EU) No 2020/878

Regulation (EU) No 286/2011 (ATP 2 CLP)

Regulation (EU) No 618/2012 (ATP 3 CLP)

Regulation (EU) No 487/2013 (ATP 4 CLP)

Regulation (EU) No 944/2013 (ATP 5 CLP)

Regulation (EU) No 605/2014 (ATP 6 CLP)

Regulation (EU) No 2015/1221 (ATP 7 CLP)

Regulation (EU) No 2016/918 (ATP 8 CLP)

Regulation (EU) No 2016/1179 (ATP 9 CLP)

Regulation (EU) No 2017/776 (ATP 10 CLP)

Regulation (EU) No 2018/669 (ATP 11 CLP)

Regulation (EU) No 2018/1480 (ATP 10 CLP)

Regulation (EU) No 2018/1480 (ATP 10 CLP)

Regulation (EU) No 2018/1179 (ATP 9 CLP)

Regulation (EU) No 2017/776 (ATP 10 CLP)

Regulation (EU) No 2018/669 (ATP 11 CLP)

Regulation (EU) No 2018/1480 (ATP 10 CLP)

Regulation (EU) No 2018/1179 (ATP 9 CLP)

Regulation (EU) No 2017/776 (ATP 10 CLP)

Regulation (EU) No 2018/669 (ATP 11 CLP)

Regulation (EU) No 2018/1480 (ATP 10 CLP)

Regulation (EU) No 2018/1179 (ATP 9 CLP)

Regulation (EU) No 2017/776 (ATP 10 CLP)

Regulation (EU) No 2018/669 (ATP 11 CLP)

Regulation (EU) No 2018/1480 (ATP 10 CLP)

Regulation (EU) 2018/1221 (ATP 7 CLP)

Regulation (EU) No 2016/918 (ATP 8 CLP)

Regulation (EU) 2016/1179 (ATP 9 CLP)

Regulation (EU) 2017/776 (ATP 10 CLP)

Regulation (EU) 2018/669 (ATP 11 CLP)

Regulation (EU) 2018/1480 (ATP 10 CLP)

Regulation (EU) No 2018/1221 (ATP 7 CLP)

Regulation (EU) 2016/918 (ATP 8 CLP) Regulation

(EU) 201 Regulation (EU) 2019/521 (ATP 12 CLP)

Regulation (EU) 2020/217 (ATP 14 CLP)

Regulation (EU) 2020/1182 (ATP 15 CLP)

Regulation (EU) 2021/643 (ATP 16 CLP)

Regulation (EU) 2021/849 (ATP 17 CLP)

Regulation (EU) 2022/692 (ATP 18 CLP)

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

Product Restrictions: None

Restrictions on substances contained: None Provisions

relating to EU Directive 2012/18 (Seveso III):

N.A.

Regulation (EU) No. 649/2012 (PIC Regulation) Water

Hazard Class (Germany).

N.A.

SVHC substances:

No data available

1. Chemical Safety Assessment

No chemical safety assessment has been carried out for the mixture

SECTION 16: Other Information

Code	Description
H220	Highly flammable gas.
H222, H229	Highly flammable aerosol. Pressurized container: May explode if heated. H225 Highly flammable liquid and vapours.
H280	Contains pressurized gas; may explode if heated.
H304	May be fatal if swallowed and enters the respiratory tract. H315 Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long-lasting effects. H412 Harmful to aquatic organisms with long-lasting effects.

Code	Hazard Class and Category	Description
2.2/1A	Flam. Gas 1A	Flammable gas, Category 1A
2.3/1	Aerosols 1	Aerosol, Category 1
1.	Press. Gas	Gas under pressure
2. /2	Flam. Liq. 2	Flammable liquid, Category 2
3.10/1	Asp. Tox. 1	Suction hazard, Category 1
3.2/2	Skin Irritation. 2	Skin Irritation, Category 2
3.8/3	STOT SE 3	Specific Target Organ Toxicity — Single Exposure, Category 3
4.1/C2	Aquatic Chronic 2	Chronic (long-term) hazard to the aquatic environment, Category 2
4.1/C3	Aquatic Chronic 3	Chronic (long-term) hazard to the aquatic environment, Category 3

Classification and procedure used to derive it under Regulation (EC) No 1272/2008 [CLP] in relation to mixtures:

Classification under Regulation (EC) No 1272/2008	Classification procedure
---	--------------------------

Aerosols 1, H222+H229	Based on experimental evidence
Skin Irrit. 2, H315	Calculation Method
STOT SE 3, H336	Calculation Method
Aquatic Chronic 3, H412	Calculation Method

This document has been prepared by a technician who is competent in the field of SDS and who has received adequate 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 - Allegato 1

The information contained herein is based on our knowledge as of the date above. They refer only to the product indicated and do not constitute a guarantee of particular quality.

The user is obliged to ensure the suitability and completeness of this information in relation to the specific use to be made of it.

This tab cancels and replaces any previous editions.

Key to abbreviations and acronyms used in the Safety Data Sheet: ACGIH:

American Conference of Government Industrial Hygienists
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE: Acute Toxicity Estimation
ATEmix: Estimation of acute toxicity (Mixtures)
BCF: Biological concentration factor
EIB: Biological exposure index
BOD: Biochemical Oxygen Demand
CAS: Chemical Abstracts Service (divisione della American Chemical Society).
CAV: Centro Antiveleni
EC: European Community
CLP: Classification, Labeling, Packaging.
CMR: Carcinogenic, Mutagenic, Reproductive Toxic
COD: Chemical Oxygen Demand
VOCs: Volatile Organic Compound
CSA: Chemical Safety Assessment
CSR: Chemical Safety Report
DMEL: Derived Level with Minimal Effects
DNEL: Derived Level with No Effect.
DPD: Dangerous Products
Directive DSD: Hazardous Substances Directive
EC50: Median Effective Concentration
ECHA: European Chemicals Agency
EINECS: European Inventory of European Chemicals Existing on the Market.
ES: Exposure Scenario
GefStoffVO: Ordinance on Hazardous Substances in Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Centre for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulations of the "International Air Transport Association" (IATA).
IC50: Median Inhibition Concentration
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions of the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Dangerous Goods Code.
INCI: International Nomenclature of Cosmetic Ingredients.
IRCCS: Scientific Institutes of Hospitalization and Care
KAFH: KAFH
KSt: Explosion coefficient.

LC50: Lethal concentration for 50 percent of the test population.

LD50: Lethal dose for 50 percent of the test population.

LDLo: Minimum

Lethal Dose N.A.:

Not Applicable

N/A: Not

Applicable

N/A: Not determined / not

available NA: Not available

NIOSH: National Institute for Occupational Safety and Hygiene

NOAEL: Dose free of observed adverse effects

OSHA: Occupational Safety and Health Agency

PBT: Persistent, Bioaccumulative, and Toxic

PGK: INSTR Packing Instructions

PNEC: Expected concentration with no
effect. PSG: Passengers

RID: Regulation concerning the international transport of dangerous goods by rail. STEL:
Short-term exposure limit.

STOT: Organ-specific toxicity.

TLV: Threshold limit value.

TWATLV: Threshold limit value for the 8-hour weighted average. (ACGIH
Standard). vPvB: Very persistent and very bioaccumulative

WGK: Water hazard class (Germany).