

Fragrance Matcha & Milk with honey 00015677

Lemo Fun SRL



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

IDENTIFICATION OF THE MIXTURE:

Fragrance, flavour, automotive cosmetics, industrial and household chemistry

TRADE NAME:

Fragrance Matcha & Milk with honey 00015677

PRODUCT NUMBER:

00015677

UFI Code: GXDD-11AW-J00R-7MGY

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

RECOMMENDED USE:

Aromatic ingredient for household chemicals and cosmetics. Intended for manufacturing only, not for direct consumption as such.

USES ADVISED AGAINST:

Do not use in foodstuffs.

1.3. Details of the supplier of the safety data sheet

SUPPLIER:

Lemo Fun SRL

ADDRESS:

Nicolae Licaret 6, Bucharest, Romania

PHONE:

+40784943113

EMAIL:

info@shoplumanari.ro

WEBSITE:

www.shoplumanari.ro

1.4. Emergency telephone number

IN CASE OF INTOXICATION:

LATVIA – State Fire and Rescue Service: (+371) 112; (+371) 113;

National Poison Information Centre: +371 67042468;

GERMANY – International emergency number: +49 180 2273-112.

Transport emergency number (24 h service), Phone: +49 621 60-43333;

UNITED KINGDOM – National Poisons Information Service (24-hour service), Phone: +44 (0) 844-892-0111 (UK only);

FRANCE – INRS FRANCE: Phone: +33 (0)1 45 42 59-59.

FOR OTHER EU COUNTRIES please consult: http://echa.europa.eu/help/nationalhelp_contact_en.asp

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Product definition: Mixture

Toxic to aquatic life with long lasting effects: H411

May cause an allergic skin reaction: H317

Causes skin irritation: H315

Causes serious eye irritation: H319

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

Hazard pictograms: GHS07 (Harmful/Irritant), GHS09 (Environmental hazard)

Signal word: Warning

Hazard statements:

H411 – Toxic to aquatic life with long lasting effects.

H317 – May cause an allergic skin reaction.

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Precautionary statements:

P273 – Avoid release to the environment.

P261 – Avoid breathing dust/fumes/gas/mist/vapours/spray.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P264 – Wash thoroughly after handling.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.

P501 – Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulation.

2.3. Other hazards

No additional hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Mixture of natural, nature-identical and synthetic aroma substances.

3.2. Mixtures

Mixture of natural and synthetic aromatic ingredients.

Hazardous components:

Ingredient	%	CAS No.	EC No.	Index No. / REACH No.	Classification (CLP) Regulation (EC) No 1272/2008
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	<60%	120-51-4	204-402-9	REACH No. 01-211997 6371-33-xxxx	Aquatic Chronic 2: H411; Acute Tox. 4 ORAL: H302; Aquatic Acute 1: H400
Ethyl Vanillin (IUPAC: 3-ETHOXY-4-HYDROXYBENZALDEHYDE)	<8.8%	121-32-4	204-464-7		Eye Irrit. 2: H319
Ionone Beta (IUPAC: (3E)-4-(2,6,6-TRIMETHYLCYCLOHEX-1-EN-1-YL)BUT-3-EN-2-ONE)	<6.8%	14901-07-6 / 79-77-6	238-969-9	REACH No. 01-211948 6669-15-xxxx	Aquatic Chronic 2: H411
Ethyl Maltol (IUPAC: 2-ETHYL-3-HYDROXY-4-H-PYRAN-4-ONE)	<1.4%	4940-11-8	225-582-5	REACH No. 01-212075 8795-36-xxxx	Acute Tox. 4 ORAL: H302
Ethyl Caprylate (IUPAC: ETHYL OCTANOATE)	<1.2%	106-32-1	203-385-5	REACH No. 01-212076 5584-44-xxxx	Aquatic Chronic 2: H411
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	<1%	118-58-1	204-262-9	REACH No. 01-211996 9442-31-xxxx	Skin Sens. 1B: H317; Eye Irrit. 2: H319; Aquatic Chronic 3: H412

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

Immediately move the affected person to fresh air. Seek medical advice if symptoms persist.

Ingestion:

Rinse mouth thoroughly with water. Give plenty of water to drink. Seek medical attention immediately.

Skin contact:

Immediately remove contaminated clothing and wash skin with water and soap. Seek medical attention if symptoms are severe or persist after washing.

Eye contact:

Remove all contact lenses and open eyelids wide. Rinse immediately with plenty of water. Continue rinsing for at least 15 minutes. Seek medical attention if symptoms persist.

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

Persons suffering from asthma, eczema or skin problems should avoid contact, including skin contact, with this product. See Section 11 for additional information on health hazards.

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

Notes for the physician: No specific recommendations.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

Extinguish with: foam, carbon dioxide or dry powder.

Unsuitable extinguishing media:

Water.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Toxic gases or vapours.

5.3. Advice for firefighters

Protective measures during firefighting:

Containers near the fire should be removed or cooled with water.

Special protective equipment for firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate protective equipment, including gloves, safety goggles/face shield, respiratory mask, boots, clothing or apron. No smoking, sparks, flames or other ignition sources near spills.

6.2. Environmental precautions

Do not discharge into drains, watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Keep combustible materials away from the spill. Eliminate all ignition sources. Ensure adequate ventilation. Contain and absorb spilled material with sand, earth or other non-combustible materials. The contaminated absorbent may present the same hazard as the spilled material. Collect and place in suitable disposal containers and seal securely. Label waste containers and contaminated materials and remove from the area as quickly as possible. Wash thoroughly after spill.

6.4. Reference to other sections

See Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for use:

Wear protective clothing as described in Section 8 of this Safety Data Sheet. Avoid contact with skin, eyes and clothing.

General occupational hygiene advice:

Do not eat, drink or smoke when using this product. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions:

Store in tightly closed original containers in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flames. Protect from frost and direct sunlight.

7.3. Specific end use(s)

No specific end uses identified beyond those stated in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limits: No workplace exposure limits have been established for this product. Derived No-Effect Levels (DNEL) have not been established for this product. Predicted No-Effect Concentrations (PNEC) have not been determined for this product.

Additional information: Information valid at the time of review of the Safety Data Sheet.

* Republic of Latvia Cabinet Regulation No. 325 Adopted 15 May 2007 – Labour Protection Requirements when Coming in Contact with Chemical Substances at Workplaces.

Ingredient	CAS No.	TWA, 8 hours
No workplace exposure limits established for ingredients of this product.		

8.2. Exposure controls

Technical measures:

Observe the usual precautions for working with chemicals. See Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

Hygiene measures:

Do not eat, drink or smoke when using this product.

General protective and hygiene measures:

Avoid contact with eyes. Wash hands during work breaks and at the end of the shift. Provide a skin protection plan.

Respiratory protection:

Avoid excessive inhalation of concentrated vapours. Ensure adequate ventilation. If workers are exposed to high concentrations, they must use appropriate certified respiratory protection. Wear suitable respiratory protection during large-scale exposure. Suitable half-face mask according to EN 140.

Body protection:

Protective clothing. Emergency showers should be available in the immediate vicinity of possible exposure. Wear appropriate protective clothing, overalls or suits and similar boots in accordance with EN 365/367.

Eye protection:

Wear appropriate safety goggles with side protection in accordance with EN 166 when there is a risk of possible eye contact. Emergency eyewash stations should be available in the immediate vicinity of possible exposure.

Hygiene measures:

No specific hygiene measures are recommended, but good personal hygiene practices should always be maintained when working with chemical products.

Hand protection:

Chemical-resistant gloves according to DIN EN 374 with CE marking. Suitable material – nitrile. 0.13 mm. Permeation breakthrough time – 1 hour. Check the condition of protective gloves after each use for damage such as holes, cuts or tears. Do not wear protective gloves longer than necessary. Apply skin cleansers and skin cosmetics after removing gloves. Gloves for mechanical protection do not provide protection against chemicals.

Risk management measures:

Operators must be adequately trained. The workplace must be regularly inspected by competent personnel, e.g. the safety officer.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Property	Value
Appearance	Homogeneous, transparent liquid; opalescence is permitted.
Colour	Colourless to brown
Odour	Description of the fragrance
Refractive index, 20 °C	0.9 – 1.8
Density, 20 °C	0.9 – 1.6 g/cm ³
Flashpoint	> 61 °C
Melting point/melting range	< 0 °C
Boiling point	No data available
Freezing point	No data available
Decomposition temperature	No data available
Solubility in water	Limited solubility
Solubility in alcohol	Soluble

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity:**

The product is stable and relatively inert under normal conditions of use, storage and transport.

10.2. Chemical stability:

The product is stable under the conditions of use specified in Section 7.

10.3. Possibility of hazardous reactions:

Under normal conditions of use, there is no information on hazardous reactions.

10.4. Conditions to avoid:

Contact with incompatible materials.

10.5. Incompatible materials:

Strong acids, strong bases, strong oxidising agents.

10.6. Hazardous decomposition products:

No decomposition products under storage and handling conditions. In the event of fire, hazardous gases may form.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

INHALATION

Acute toxicity: Not classified – based on available data, the classification criteria are not met.

Corrosion/irritation: Not classified – based on available data, the classification criteria are not met.

Sensitisation: Does not contain substances classified as inhalation allergens. Not classified – based on available data, the classification criteria are not met.

Carcinogenicity: Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Mutagenicity: Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.

SKIN CONTACT

Acute toxicity: Calculated ATE_{mix} (LD₅₀) = 5 714.29 mg/kg. Components of unknown toxicity >10%: 90.2%. Not classified.

Corrosion/irritation: Not classified – based on available data, the classification criteria are not met.

Sensitisation: Does not contain substances classified as inhalation allergens. Not classified – based on available data, the classification criteria are not met.

Carcinogenicity: Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Mutagenicity: Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.

EYE CONTACT

Corrosion/irritation: Classified as Not Classified.

INGESTION

Acute toxicity: Calculated ATE_{mix} (LD₅₀) = 2 427.29 mg/kg. Components of unknown toxicity >10%: 2.38%. Not classified.

Corrosion/irritation: May cause nausea, vomiting and diarrhoea.

Sensitisation: Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Carcinogenicity: Does not contain carcinogenic substances. Not classified – based on available data, the classification criteria are not met.

Mutagenicity: Does not contain mutagenic substances. Not classified – based on available data, the classification criteria are not met.

Reproductive toxicity: Not expected to be reproductively toxic. Not classified – based on available data, the classification criteria are not met. Fertility: Not classified – based on available data, the classification criteria are not met.

11.2. Primary irritation

11.2.1. Endocrine disrupting properties: Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)

11.3. Sensitisation:

May have a sensitising effect.

11.4. Chronic effects:

No chronic effects known.

11.5. Target organs:

No adverse effects on the health of target organs are expected for the finished product.

11.6. Carcinogenicity:

The finished product is not expected to be carcinogenic.

11.7. Mutagenicity:

The finished product is not expected to be mutagenic.

11.8. Reproductive toxicity:

The finished product is not expected to be reproductively toxic.

Ingredient name	CAS No.	LD50 (Oral)	LD50 (Dermal)	LC50 (Inhalation)
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	2 000 mg/kg	non-toxic	non-toxic
Ethyl Vanillin (IUPAC: 3-ETH OXY-4-HYDROXYBENZAL DEHYDE)	121-32-4	non-toxic	non-toxic	non-toxic
Ionone Beta (IUPAC: (3E)-4-(2,6,6-TRIMETHYLCYCLOHEX-1-EN-1-YL)BUT-3-EN-2-ONE)	14901-07-6 / 79-77-6	non-toxic	non-toxic	non-toxic
Ethyl Maltol (IUPAC: 2-ETHYL-3-HYDROXY-4H-PYRAN-4-ONE)	4940-11-8	1 220 mg/kg	non-toxic	non-toxic
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	non-toxic	non-toxic	non-toxic

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

No ecotoxicological research has been carried out on this product.

Ecotoxicity – Toxic to aquatic organisms: $(M \times 10 \times \text{Chronic Category 1}) + \text{Chronic Category 2} \geq 25\% = 68.02 \geq 25 \Rightarrow \text{Hazardous to the aquatic environment — Chronic Category 2}$

AQUATIC TOXICITY:

Ingredient	CAS No.	Endpoint/Duration	Value	Species/Group
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	EC50/72H	311 mg/l	Aquatic algae and cyanobacteria
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	LC50/96H	2.32 mg/l	Fish
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	EC50/24H	4.26 mg/l	Fish
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	LC50/48H	7.77 mg/l	Aquatic invertebrates
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	EC50/48H	3.09 mg/l	Aquatic invertebrates
Benzyl Benzoate (IUPAC: BENZYL BENZOATE)	120-51-4	LC50/24H	11 mg/l	Aquatic invertebrates
Ethyl Vanillin (IUPAC: 3-ETH OXY-4-HYDROXYBENZAL DEHYDE)	121-32-4	EC50/72H	100 mg/l	Aquatic algae and cyanobacteria
Ethyl Vanillin (IUPAC: 3-ETH OXY-4-HYDROXYBENZAL DEHYDE)	121-32-4	LC50/96H	87.6 mg/l	Fish
Ethyl Vanillin (IUPAC: 3-ETH OXY-4-HYDROXYBENZAL DEHYDE)	121-32-4	EC50/48H	26.2 mg/l	Aquatic invertebrates

Ingredient	CAS No.	Endpoint/Duration	Value	Species/Group
Ethyl Vanillin (IUPAC: 3-ETH OXY-4-HYDROXYBENZAL DEHYDE)	121-32-4	EC50/21 days	63 mg/l	Aquatic invertebrates
Ionone Beta (IUPAC: (3E)-4-(2,6,6-TRIMETHYLCYCLOH EX-1-EN-1-YL)BUT-3-EN-2-ONE)	14901-07-6 / 79-77-6	EC50/72H	21.15 mg/l	Aquatic algae and cyanobacteria
Ionone Beta (IUPAC: (3E)-4-(2,6,6-TRIMETHYLCYCLOH EX-1-EN-1-YL)BUT-3-EN-2-ONE)	14901-07-6 / 79-77-6	LC50/96H	5.09 mg/l	Fish
Ionone Beta (IUPAC: (3E)-4-(2,6,6-TRIMETHYLCYCLOH EX-1-EN-1-YL)BUT-3-EN-2-ONE)	14901-07-6 / 79-77-6	EC50/96H	4.71 mg/l	Fish
Ionone Beta (IUPAC: (3E)-4-(2,6,6-TRIMETHYLCYCLOH EX-1-EN-1-YL)BUT-3-EN-2-ONE)	14901-07-6 / 79-77-6	EC50/48H	4.03 mg/l	Aquatic invertebrates
Ethyl Maltol (IUPAC: 2-ETH YL-3-HYDROXY-4H-PYRAN -4-ONE)	4940-11-8	LC50/72H	7.2 mg/l	Algae
Ethyl Maltol (IUPAC: 2-ETH YL-3-HYDROXY-4H-PYRAN -4-ONE)	4940-11-8	LC50/96H	85 mg/l	Fish
Ethyl Maltol (IUPAC: 2-ETH YL-3-HYDROXY-4H-PYRAN -4-ONE)	4940-11-8	EC50/48H	27 mg/l	Aquatic invertebrates
Ethyl Caprylate (IUPAC: ETHYL OCTANOATE)	106-32-1	EC50/72H	2.83 mg/l	Algae
Ethyl Caprylate (IUPAC: ETHYL OCTANOATE)	106-32-1	LC50/96H	1.38 mg/l	Fish
Ethyl Caprylate (IUPAC: ETHYL OCTANOATE)	106-32-1	EC50/48H	7.9 mg/l	Aquatic invertebrates
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	EC50/72H	1.29 mg/l	Aquatic algae and cyanobacteria
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	LC50/96H	1.03 mg/l	Fish
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	LC50/48H	2.25 mg/l	Aquatic invertebrates
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	EC50/48H	1.16 mg/l	Aquatic invertebrates
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	EC50/24H	1.21 mg/l	Aquatic invertebrates
Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)	118-58-1	LC50/24H	4.34 mg/l	Aquatic invertebrates

12.2. Persistence and degradability:

May have long-term harmful effects on the aquatic environment.

Assessment of biodegradability and elimination: No data available.

12.3. Bioaccumulative potential:

No further relevant information available. Low potential for bioaccumulation: (log Pow calculated = 0).

12.4. Mobility in soil:

The product is partially water-soluble. Adsorbs to soil and has low mobility.

General notes: Wastewater containing this product must not be discharged into water bodies without prior treatment.

12.5. Results of PBT and vPvB assessment:

This mixture does not contain any substances that meet the PBT or vPvB criteria of Annex XIII of the REACH Regulation.

12.6. Endocrine disrupting properties:

Benzyl Salicylate (IUPAC: BENZYL 2-HYDROXYBENZOATE)

12.7. Other adverse effects:

Greenhouse potential: Cannot contribute to the greenhouse effect.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of in accordance with local and national regulations.

Product residues:

Do not dispose of empty packaging with household waste. Containers can be recycled. Treat product residues, impregnated cloths and non-empty packaging as hazardous waste.

Additional warning: None.

European waste catalogue:

Dispose of as hazardous waste pursuant to Directive 91/689/EEC, recognising a waste code pursuant to Commission Decision 2000/532/EC, at an official chemical waste depot.

Local legislation:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be stricter than regional or national requirements and must be complied with.

Contaminated packaging:

Do not dispose of empty packaging with household waste. Containers can be recycled. Treat product residues, impregnated cloths and non-empty packaging as hazardous waste.

Recommendation:

Avoid release into the environment.

EWC Code	Description
07	Wastes from organic chemical processes:
07 07	Wastes from the manufacture, formulation, supply and use (MFSU) of fine chemicals and chemical products, not otherwise specified
07 07 99	Wastes not otherwise specified

SECTION 14: TRANSPORT INFORMATION

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

UN 3082 Environmentally hazardous substance, liquid, N.O.S.

14.3. Transport hazard class(es):

ADR, IATA, IMDG

Class: 9

Hazard label: 9

14.4. Packing group:

ADR, IATA, IMDG: III

14.5. Environmental hazards:

Marine pollutant: Yes

14.6. Special precautions for user:

Read the Safety Data Sheet and emergency procedures before handling.

14.7. Maritime transport in bulk according to IMO instruments (Annex II of MARPOL 73/78 and the IBC Code):

Not applicable. Packaged liquids are not considered bulk liquids.

SECTION 15: REGULATORY INFORMATION

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

REGULATION (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

DIRECTIVE 2006/11/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 February 2006 on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community.

REGULATION (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

COMMISSION REGULATION (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on REACH.

Information on use restrictions:

Observe Directive 94/33/EC on the protection of young people at work.

Directive 92/85/EC on the safety and health at work of pregnant workers must be observed.

15.2. Chemical safety assessment:

Not applicable.

SECTION 16: OTHER INFORMATION

Full text of classifications referred to in Sections 2 and 3, including the hazard class, hazard symbols and hazard statements:

H302 – Harmful if swallowed.

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H400 – Very toxic to aquatic life.

H411 – Toxic to aquatic life with long lasting effects.

H412 – Harmful to aquatic life with long lasting effects.

P261 – Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264 – Wash thoroughly after handling.

P272 – Contaminated work clothing should not be allowed out of the workplace.

P273 – Avoid release to the environment.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.

P501 – Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulation.

Abbreviations and acronyms:

PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very Persistent and Very Bioaccumulative

EC: European inventory of existing commercial chemical substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods Code

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

CLP: Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of substances and mixtures

ECHA: European Chemicals Agency, Helsinki (http://echa.europa.eu/home_en.asp)

TWA: Time-Weighted Average

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

MARPOL: International Convention for the Prevention of Pollution from Ships

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

UN: United Nations

ATE: Acute Toxicity Estimate

The information contained in this Safety Data Sheet is based on current and reliable sources. However, this data is provided without any express or implied warranty as to its accuracy or correctness. As the conditions of use, handling, storage and disposal of this product are outside our control, it is the responsibility of the user to both determine safe conditions of use and to assume liability for losses, damages and costs arising from improper use. No express or implied warranty regarding the product described herein is established or implied by statements or omissions in this Safety Data Sheet.

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