

O&M Colour Remover 12 Pack - 30g Single Use Sachets

SAFETY INFORMATION

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

1.1 Product identifier:

Product Code COLREM
Product Name O&M Colour Remover 12 Pack - 30g Single Use Sachets

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

- Relevant uses: HAIR BLEACHING

1.3 Details of the supplier:

SASI GROUP PTY LTD
Level 2,17 Eveleigh Street, Redfern NSW 2016 Australia
Tel: 1300 724 635 Tel: +61 2 9695 5000 (from overseas)
E: info@originalmineral.com
<https://originalmineral.com.au>

1.4 Emergency telephone number:

AUS Contact: Poisons Information Centre 13 11 26
NZ Contact : Poisons Information Centre 0800 764 766
USA Contact: CHEMTREC 800 424 9300
Canada Contact: Poisons Information Centre Quebec 1800 463 5060
UK Contact: National Poisons Information Centre +44 121 507 4123
Germany Contact: Poison Control Centre +49 30 19240
Sweden Contact: Poisons Information Centre 010 456 6700
Switzerland Contact: Poisons Information Centre +41 145

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

This product contains less than 1% of crystalline silica breathable fraction, so it does not require classification based on the provisions of Regulation (EU) 1272/2008 of the European Parliament and of the Council, of December 16, 2008, on classification, labeling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.

This Regulation shall not apply to substances and mixtures in the following forms, which are in the finished state, intended for the final user: cosmetic products as defined in REGULATION (EC) No 1223/2009

CLP Regulation (EC) No 1272/2008:

Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.

Acute Tox. 4: Acute toxicity if swallowed, Category 4, H302
Eye Irrit. 2: Eye irritation, Category 2, H319
Ox. Sol. 3: Oxidising Solid, Category 3, H272
Resp. Sens. 1: Sensitisation, respiratory, Category 1, H334
Skin Irrit. 2: Skin irritation, Category 2, H315
Skin Sens. 1: Sensitisation, skin, Category 1, H317
STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335

2.2 Label elements:

CLP Regulation (EC) No 1272/2008:

Danger



Hazard statements:

Acute Tox. 4: H302 - Harmful if swallowed.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Ox. Sol. 3: H272 - May intensify fire, oxidiser.
Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
STOT SE 3: H335 - May cause respiratory irritation.

Precautionary statements:

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SECTION 2: HAZARDS IDENTIFICATION (continued)

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264: Wash thoroughly after handling.
P280: Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378: In case of fire: Use Water to extinguish.
P501: Dispose of contents/container according to the separated collection system used in your municipality.

Substances that contribute to the classification

dipotassium peroxodisulphate (CAS: 7727-21-1); Silicic acid, sodium salt (2.6 < MR ≤ 3.2) (CAS: 1344-09-8); diammonium peroxodisulphate (CAS: 7727-54-0); Disodium metasilicate (CAS: 6834-92-0)

Acute Toxicity Estimate (ATE mix):

45,78 % (oral) of the mixture consists of ingredient(s) of unknown toxicity

2.3 Other hazards:

Product does not meet PBT/vPvB criteria
Endocrine-disrupting properties: The product does not meet the criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture of persulfates and Organic/Inorganic Compounds

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 7727-21-1 EC: 231-781-8 Index: 016-061-00-1 REACH: 01-2119495676-19-XXXX	dipotassium peroxodisulphate⁽¹⁾	ATP CLP00	25 - <50 %
	Regulation 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319; Ox. Sol. 3: H272; Resp. Sens. 1: H334; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Danger	
CAS: 1344-09-8 EC: 215-687-4 Index: Non-applicable REACH: 01-2119448725-31-XXXX	Silicic acid, sodium salt (2.6 < MR ≤ 3.2)⁽¹⁾	Self-classified	25 - <50 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H335 - Warning	
CAS: 7727-54-0 EC: 231-786-5 Index: 016-060-00-6 REACH: 01-2119495973-19-XXXX	diammonium peroxodisulphate⁽¹⁾	ATP CLP00	2,5 - <10 %
	Regulation 1272/2008	Acute Tox. 4: H302; Eye Irrit. 2: H319; Ox. Sol. 3: H272; Resp. Sens. 1: H334; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335 - Danger	
CAS: 822-16-2 EC: 212-490-5 Index: Non-applicable REACH: Non-applicable	Sodium stearate⁽¹⁾	Self-classified	2,5 - <10 %
	Regulation 1272/2008	Eye Irrit. 2: H319; Skin Irrit. 2: H315 - Warning	
CAS: 60-00-4 EC: 200-449-4 Index: 607-429-00-8 REACH: 01-2119486399-18-XXXX	edetic acid⁽¹⁾	ATP ATP01	1 - <2,5 %
	Regulation 1272/2008	Eye Irrit. 2: H319 - Warning	
CAS: 6834-92-0 EC: 229-912-9 Index: 014-010-00-8 REACH: 01-2119449811-37-XXXX	Disodium metasilicate⁽¹⁾	ATP CLP00	1 - <2,5 %
	Regulation 1272/2008	Skin Corr. 1B: H314; STOT SE 3: H335 - Danger	
CAS: 8042-47-5 EC: 232-455-8 Index: Non-applicable REACH: 01-2119487078-27-XXXX	White mineral oil, ≤ 20.5mm²/s (40°C)⁽¹⁾	Self-classified	1 - <2,5 %
	Regulation 1272/2008	Asp. Tox. 1: H304 - Danger	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
dipotassium peroxodisulphate CAS: 7727-21-1 EC: 231-781-8	LD50 oral	802 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation	Not relevant	
diammonium peroxodisulphate CAS: 7727-54-0 EC: 231-786-5	LD50 oral	689 mg/kg	Rat
	LD50 dermal	Not relevant	
	LC50 inhalation	Not relevant	

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

In case the skin is affected (stinging, redness, rashes, blisters,...), seek medical help with this Safety Data Form.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not relevant

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Water

Unsuitable extinguishing media:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

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SECTION 5: FIREFIGHTING MEASURES (continued)

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

MAY INTENSIFY FIRE, OXIDISER. Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Preferably use aspiration for cleaning. Given the danger of the product by inhalation, any cleaning method that involves exposure to the product in this way (sweeping, etc.) is not recommended

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

AVOID ANY IGNITION SOURCE, as well as combustible and/or inflammable material. Devices and systems must comply with the essential safety and health requirements and, with the minimum requirements for improving the health and safety protection of workers. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 5 °C

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
dipotassium peroxodisulphate CAS: 7727-21-1 EC: 231-781-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	10,3 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	0,824 mg/m ³
Silicic acid, sodium salt (2.6 < MR ≤ 3.2) CAS: 1344-09-8 EC: 215-687-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,59 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	5,61 mg/m ³	Not relevant
diammonium peroxodisulphate CAS: 7727-54-0 EC: 231-786-5	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	9,5 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	0,824 mg/m ³
edetic acid CAS: 60-00-4 EC: 200-449-4	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	3 mg/m ³	Not relevant	1,5 mg/m ³
Disodium metasilicate CAS: 6834-92-0 EC: 229-912-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	1,49 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	6,22 mg/m ³	Not relevant
White mineral oil, ≤ 20.5mm ² /s (40°C) CAS: 8042-47-5 EC: 232-455-8	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	217,05 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	164,56 mg/m ³	Not relevant

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
dipotassium peroxodisulphate CAS: 7727-21-1 EC: 231-781-8	Oral	1,55 mg/kg	Not relevant	0,52 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	5,2 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	0,421 mg/m ³
Silicic acid, sodium salt (2.6 < MR ≤ 3.2) CAS: 1344-09-8 EC: 215-687-4	Oral	Not relevant	Not relevant	0,8 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,8 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,38 mg/m ³	Not relevant
diammonium peroxodisulphate CAS: 7727-54-0 EC: 231-786-5	Oral	1,41 mg/kg	Not relevant	0,47 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	4,8 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	0,421 mg/m ³
edetic acid CAS: 60-00-4 EC: 200-449-4	Oral	Not relevant	Not relevant	25 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	1,2 mg/m ³	Not relevant	0,6 mg/m ³
Disodium metasilicate CAS: 6834-92-0 EC: 229-912-9	Oral	Not relevant	Not relevant	0,74 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	0,74 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	1,55 mg/m ³	Not relevant
White mineral oil, ≤ 20.5mm ² /s (40°C) CAS: 8042-47-5 EC: 232-455-8	Oral	Not relevant	Not relevant	25 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	93,02 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	34,78 mg/m ³	Not relevant

PNEC:

Identification					
dipotassium peroxodisulphate CAS: 7727-21-1 EC: 231-781-8	STP	3,6 mg/L	Fresh water	0,518 mg/L	
	Soil	0,1 mg/kg	Marine water	0,052 mg/L	
	Intermittent	0,763 mg/L	Sediment (Fresh water)	2,03 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,203 mg/kg	

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
Silicic acid, sodium salt (2.6 < MR ≤ 3.2) CAS: 1344-09-8 EC: 215-687-4	STP	348 mg/L	Fresh water	7,5 mg/L
	Soil	Not relevant	Marine water	1 mg/L
	Intermittent	7,5 mg/L	Sediment (Fresh water)	Not relevant
	Oral	Not relevant	Sediment (Marine water)	Not relevant
diammonium peroxodisulphate CAS: 7727-54-0 EC: 231-786-5	STP	3,6 mg/L	Fresh water	0,518 mg/L
	Soil	0,1 mg/kg	Marine water	0,052 mg/L
	Intermittent	0,763 mg/L	Sediment (Fresh water)	2,03 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,203 mg/kg
edetic acid CAS: 60-00-4 EC: 200-449-4	STP	43 mg/L	Fresh water	2,2 mg/L
	Soil	0,72 mg/kg	Marine water	0,22 mg/L
	Intermittent	1,2 mg/L	Sediment (Fresh water)	Not relevant
	Oral	Not relevant	Sediment (Marine water)	Not relevant
Disodium metasilicate CAS: 6834-92-0 EC: 229-912-9	STP	1000 mg/L	Fresh water	7,5 mg/L
	Soil	Not relevant	Marine water	1 mg/L
	Intermittent	7,5 mg/L	Sediment (Fresh water)	Not relevant
	Oral	Not relevant	Sediment (Marine water)	Not relevant

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory respiratory tract protection	Filter mask for gases, vapours and particles	 CAT III	EN 149:2001+A1:2010 EN 405:2002+A1:2010 EN ISO 136:1998	Replace when an increase in resistance to breathing is observed and/or a smell or taste of the contaminant is detected.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Nitrile, Breakthrough time: > 480 min, Thickness: 0.11 mm)	 CAT III	EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Face shield	 CAT II	EN 166:2002 UNE-EN ISO 18526-1 al 4:2020 UNE-EN ISO 18526-1 al 4:2020 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks		EN 13034:2005+A1:2009 UNE-EN ISO 18526-1 al 4:2020 EN ISO 13982-1:2005/A1:2011 EN ISO 6529:2013 EN ISO 6530:2005 EN 464:1995	For professional use only. Clean periodically according to the manufacturer's instructions.
 Mandatory foot protection	Safety footwear for protection against chemical risk		EN ISO 20345:2022 EN 13832-1:2019	Replace boots at any sign of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	0 % weight
V.O.C. density at 20 °C:	0 kg/m ³ (0 g/L)
Average carbon number:	Not relevant
Average molecular weight:	Not relevant

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Solid
Appearance:	Powdery
Colour:	☐ White
Odour:	Characteristic
Odour threshold:	Not relevant *

Volatility:

Boiling point at atmospheric pressure:	Not relevant *
Vapour pressure at 20 °C:	Not relevant *
Vapour pressure at 50 °C:	Not relevant *
Evaporation rate at 20 °C:	Not relevant *

Product description:

Density at 20 °C:	1743,9 kg/m ³
Relative density at 20 °C:	0,65 - 0,85
Dynamic viscosity at 20 °C:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Kinematic viscosity at 20 °C:	Not relevant *
Kinematic viscosity at 40 °C:	Not relevant *
Concentration:	Not relevant *
pH:	10,2 - 11,2
Vapour density at 20 °C:	Not relevant *
Partition coefficient n-octanol/water 20 °C:	Not relevant *
Solubility in water at 20 °C:	Not relevant *
Solubility properties:	Not relevant *
Decomposition temperature:	Not relevant *
Melting point/freezing point:	Not relevant *
Flammability:	
Flash Point:	Non-applicable
Flammability (solid, gas):	Not relevant *
Autoignition temperature:	330 °C
Lower flammability limit:	Not relevant *
Upper flammability limit:	Not relevant *
Explosive (Solid):	
Lower explosive limit:	Not relevant *
Upper explosive limit:	Not relevant *
Particle characteristics:	
Median equivalent diameter:	Not relevant *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not relevant *
Oxidising properties:	H272 May intensify fire, oxidiser.
Corrosive to metals:	Not relevant *
Heat of combustion:	Not relevant *
Aerosols-total percentage (by mass) of flammable components:	Not relevant *

Other safety characteristics:

Surface tension at 20 °C:	Not relevant *
Refraction index:	Not relevant *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

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SECTION 10: STABILITY AND REACTIVITY (continued)

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Avoid direct impact	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Precaution	Avoid direct impact	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

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

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: White mineral oil, <=20.5mm²/s (40°C) (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Prolonged exposure can result in specific respiratory hypersensitivity.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

F- Specific target organ toxicity (STOT) - single exposure:

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
White mineral oil, <=20.5mm2/s (40°C) CAS: 8042-47-5 EC: 232-455-8	LD50 oral	>5000 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
dipotassium peroxodisulphate CAS: 7727-21-1 EC: 231-781-8	LD50 oral	802 mg/kg (ATEi)	Rat
	LD50 dermal		
	LC50 inhalation		
diammonium peroxodisulphate CAS: 7727-54-0 EC: 231-786-5	LD50 oral	689 mg/kg (ATEi)	Rat
	LD50 dermal		
	LC50 inhalation		
edetic acid CAS: 60-00-4 EC: 200-449-4	LD50 oral	2581 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		

Acute Toxicity Estimate (ATE mix):

ATE mix		Ingredient(s) of unknown toxicity
Oral	937,03 mg/kg (Calculation method)	45,78 %
Dermal	>2000 mg/kg (Calculation method)	Non-applicable
Inhalation	>5 mg/L (4 h) (Calculation method)	Non-applicable

11.2 Information on other hazards:

Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect.
For more information see section 3.

12.1 Toxicity:

Acute toxicity:

Identification	Concentration		Species	Genus
diammonium peroxodisulphate CAS: 7727-54-0 EC: 231-786-5	LC50	76 mg/L (96 h)	Oncorhynchus mykiss	Fish
	EC50	120 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	Not relevant		
edetic acid CAS: 60-00-4 EC: 200-449-4	LC50	41 mg/L (96 h)	Lepomis macrochirus	Fish
	EC50	610 mg/L (24 h)	Daphnia magna	Crustacean
	EC50	1,01 mg/L (72 h)	Scenedesmus subspicatus	Algae
Disodium metasilicate CAS: 6834-92-0 EC: 229-912-9	LC50	210 mg/L (96 h)	Brachydanio rerio	Fish
	EC50	216 mg/L (96 h)	Daphnia magna	Crustacean
	EC50	Not relevant		

Chronic toxicity:

Identification	Concentration		Species	Genus
diammonium peroxodisulphate CAS: 7727-54-0 EC: 231-786-5	NOEC	Not relevant		
	NOEC	20,8 mg/L	Daphnia magna	Crustacean

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SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
edetic acid	NOEC	25,7 mg/L	Danio rerio	Fish
CAS: 60-00-4 EC: 200-449-4	NOEC	25 mg/L	Daphnia magna	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
Sodium stearate	BOD5	Not relevant	Concentration	100 mg/L
CAS: 822-16-2	COD	Not relevant	Period	28 days
EC: 212-490-5	BOD5/COD	Not relevant	% Biodegradable	83 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
edetic acid	BCF	13
CAS: 60-00-4	Pow Log	-3.34
EC: 200-449-4	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
edetic acid	Koc	1046	Henry	0E+0 Pa·m ³ /mol
CAS: 60-00-4	Conclusion	Low	Dry soil	No
EC: 200-449-4	Surface tension	Not relevant	Moist soil	No

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
	It is not possible to assign a specific code, as it depends on the intended use by the user	Hazardous

Type of waste (Regulation (EU) No 1357/2014):

HP2 Oxidising, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2023 and RID 2023:

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SECTION 14: TRANSPORT INFORMATION (continued)



14.1 UN number or ID number:	UN1479
14.2 UN proper shipping name:	OXIDIZING SOLID, N.O.S. (dipotassium peroxodisulphate)
14.3 Transport hazard class(es):	5.1
Labels:	5.1
14.4 Packing group:	III
14.5 Environmental hazards:	No
14.6 Special precautions for user	
Special regulations:	274
Tunnel restriction code:	E
Physico-Chemical properties:	see section 9
Limited quantities:	5 kg
14.7 Maritime transport in bulk according to IMO instruments:	Not relevant

Transport of dangerous goods by sea:

With regard to IMDG 41-22:



14.1 UN number or ID number:	UN1479
14.2 UN proper shipping name:	OXIDIZING SOLID, N.O.S. (dipotassium peroxodisulphate)
14.3 Transport hazard class(es):	5.1
Labels:	5.1
14.4 Packing group:	III
14.5 Marine pollutant:	No
14.6 Special precautions for user	
Special regulations:	223, 274, 900
EmS Codes:	F-A, S-Q
Physico-Chemical properties:	see section 9
Limited quantities:	5 kg
Segregation group:	Not relevant
14.7 Maritime transport in bulk according to IMO instruments:	Not relevant

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:



14.1 UN number or ID number:	UN1479
14.2 UN proper shipping name:	OXIDIZING SOLID, N.O.S. (dipotassium peroxodisulphate)
14.3 Transport hazard class(es):	5.1
Labels:	5.1
14.4 Packing group:	III
14.5 Environmental hazards:	No
14.6 Special precautions for user	
Physico-Chemical properties:	see section 9
14.7 Maritime transport in bulk according to IMO instruments:	Not relevant

SECTION 15: REGULATORY INFORMATION

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

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SECTION 15: REGULATORY INFORMATION (continued)

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
P8	OXIDISING LIQUIDS AND SOLIDS	50	200

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Laboral exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2022/431, of the European Parliament and of the Council, of March 9, 2022, amending Directive 2004/37/EC, relating to the protection of workers against risks related to exposure to carcinogens or mutagens during work.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Not relevant

Texts of the legislative phrases mentioned in section 2:

H335: May cause respiratory irritation.

H272: May intensify fire, oxidiser.

H315: Causes skin irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317: May cause an allergic skin reaction.

H302: Harmful if swallowed.

H319: Causes serious eye irritation.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 4: H302 - Harmful if swallowed.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Ox. Sol. 3: H272 - May intensify fire, oxidiser.

Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

STOT SE 3: H335 - May cause respiratory irritation.

Classification procedure:

STOT SE 3: Calculation method

Skin Irrit. 2: Calculation method

Resp. Sens. 1: Calculation method

Skin Sens. 1: Calculation method

Acute Tox. 4: Calculation method

Eye Irrit. 2: Calculation method

Advice related to training:

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SECTION 16: OTHER INFORMATION (continued)

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

LogPOW: Octanolwater partition coefficient

Koc: Partition coefficient of organic carbon

UFI: unique formula identifier

IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -