

SAFETY DATA SHEET

Dos Clean

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

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

1.1. Product identifier

Product name	Dos Clean
UFI	UFI: AH80-W0UN-500G-91J7
Product code	125489

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

Identified uses	Universal, broad-spectrum cleaner. Ideal for whitening toilets, bathtubs, sinks, swimming pools, tiles, floors and removing various stains from waterproof surfaces
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1.3. Details of the supplier of the safety data sheet

Supplier	BCG Turkey Kimya A.Ş. Karamehmet Mahallesi, Avrupa Serbest Bölgesi 11. Sokak No:5, Ergene, 59930 Tekirdağ Tel: 90 (282) 691 10 05 www.bcg-turkiye.com
Contact person	info@bcg-turkiye.com

1.4. Emergency telephone number

Emergency telephone	BCG Türkiye: 90 (282) 691 10 05
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411
Additional information	Classification (Regulation (EC) No. 1272/2008).

2.2. Label elements

Hazard pictograms



Signal word	Danger
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Hazard statements	EUH208 Contains 4-tert-butylcyclohexyl acetate. May produce an allergic reaction. H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
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Precautionary statements	P102 Keep out of reach of children. P264 Wash contaminated skin thoroughly after handling. 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 water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/ container in accordance with national regulations.
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Contains	Sodium hypochlorite, solution Cl active, Lauramine Oxide, sodium hydroxide solution
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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
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Detergent labelling < 5% anionic surfactants, < 5% chlorine-based bleaching agents, < 5% non-ionic surfactants, Contains Cineole, 4-tert-butylcyclohexyl acetate

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<p>Sodium hypochlorite, solution Cl active <3%</p> <p>CAS number: 7681-52-9 EC number: 231-668-3</p> <p>M factor (Acute) = 10 M factor (Chronic) = 1</p> <p>SCL: EUH031: C ≥ 5 %</p>
<p>Classification</p> <p>Met. Corr. 1 - H290</p> <p>Skin Corr. 1B - H314</p> <p>Eye Dam. 1 - H318</p> <p>Aquatic Acute 1 - H400</p> <p>Aquatic Chronic 1 - H410</p>
<p>Lauramine Oxide <3%</p> <p>CAS number: 1643-20-5 EC number: 216-700-6</p> <p>M factor (Acute) = 1</p>
<p>Classification</p> <p>Acute Tox. 4 - H302</p> <p>Skin Irrit. 2 - H315</p> <p>Eye Dam. 1 - H318</p> <p>Aquatic Acute 1 - H400</p> <p>Aquatic Chronic 2 - H411</p>
<p>sodium hydroxide solution <1%</p> <p>CAS number: 1310-73-2 EC number: 215-185-5</p> <p>Specific Concentration Limits - Sodium hydroxide: Skin Corr. 1A; H314: C ≥ 5%, Skin Corr. 1B; H314: 2% ≤ C < 5%, Skin Irrit. 2; H315: 0,5% ≤ C < 2%, Eye Irrit. 2; H319: 0,5% ≤ C < 2%</p>
<p>Classification</p> <p>Skin Corr. 1A - H314</p> <p>Eye Dam. 1 - H318</p>

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

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Skin contact Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if symptoms are severe or persist after washing.

Eye contact Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Slightly irritating. Coughing.

Ingestion May cause irritation.

Skin contact Redness. Irritating to skin. May cause skin sensitisation or allergic reactions in sensitive individuals.

Eye contact Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

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Commission Regulation (EU) 2020/878 of 18 June 2020.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Keep out of the reach of children. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Avoid breathing vapour/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store away from incompatible materials (see Section 10). Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Keep away from heat, sparks and open flame. Store away from the following materials: Acids.

Storage class

Non-flammable liquids that can not be assigned to any of the aforementioned LGK

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Sodium hypochlorite, solution Cl active

Short-term exposure limit (15-minute): UK-WEL 2 mg/m³

sodium hydroxide solution

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

Sodium hypochlorite, solution Cl active (CAS: 7681-52-9)

DNEL

Workers - Inhalation; Long term systemic effects: 1.55 mg/m³
Workers - Inhalation; Short term systemic effects: 3.1 mg/m³
Workers - Inhalation; Long term local effects: 1.55 mg/m³
Workers - Inhalation; Short term local effects: 3.1 mg/m³

PNEC

Fresh water; 0.21 µg/L
marine water; 0.042 µg/L
STP; 4.69 mg/l

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

Lauramine Oxide (CAS: 1643-20-5)

DNEL	Workers - Inhalation; Long term systemic effects: 6.2 mg/m ³ Workers - Dermal; Long term systemic effects: 11 mg/kg
PNEC	Fresh water; 0.034 mg/l marine water; 0.003 mg/l STP; 24 mg/l Sediment (Freshwater); 5.24 mg/kg Sediment (Marinewater); 0.524 mg/kg Soil; 1.02 mg/kg

sodium hydroxide solution (CAS: 1310-73-2)

DNEL	Workers - Inhalation; Long term local effects: 1 mg/m ³ General population - Inhalation; Long term local effects: 1 mg/m ³
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8.2. Exposure controls

Protective equipment



Appropriate engineering controls	Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead. It must comply with the EN166 standard.
Hand protection	Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. Standard EN 374 - Protective gloves against chemicals.
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
Respiratory protection	Ensure all respiratory protective equipment is suitable for its intended use and is 'UKCA'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges suitable for intended use should be used. Full face mask respirators with replaceable filter cartridges suitable for intended use should be used. Half mask and quarter mask respirators with replaceable filter cartridges suitable for intended use should be used. Particulate filters should comply with European Standard EN143. Standard EN 149 - Filtering Half Masks to protect against particles.
Environmental exposure controls	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	No information available.
Odour	Hvoynoe

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
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Odour threshold	No information available.
pH	11
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	No information available.
Bulk density	No information available.
Solubility(ies)	Soluble in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	5-3000 cp
Explosive properties	No information available.
Oxidising properties	No information available.
Particle characteristics	Not applicable.
9.2. Other information	
Other information	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity See the other subsections of this section for further details.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react with the product: Acids.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Oxidising agents. Strong acids.

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 50,666.67

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

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

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

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

IARC carcinogenicity

None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

No specific symptoms known.

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
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Ingestion	May cause irritation.
Skin contact	Redness. Irritating to skin.
Eye contact	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target organs	No specific target organs known.

11.2. Information on other hazards

Information on other hazards This product does not contain any known or suspected endocrine disruptors.

Toxicological information on ingredients.

Sodium hypochlorite, solution Cl active

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 1100 mg/kg, Oral, Rat

Skin sensitisation

Skin sensitisation (OECD 406) - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vivo Mouse Micronucleus assay: Negative.

Lauramine Oxide

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 1,064.0

Species Rat

Notes (oral LD₅₀) (OECD Test Guideline 401)

ATE oral (mg/kg) 1,064.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >2000 mg/kg, Dermal, Rat

Skin corrosion/irritation

Animal data Causes skin irritation.
Rabbit (OECD Test Guideline 404)

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.
Rabbit (OECD Test Guideline 405)

sodium hydroxide solution

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 325 mg/kg, Oral, Rabbit

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

Ecological information on ingredients.

Dos Clean

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

Sodium hypochlorite, solution Cl active

Acute aquatic toxicity

LE(C)₅₀	0.01 < L(E)C ₅₀ ≤ 0.1
M factor (Acute)	10
Acute toxicity - fish	LC ₅₀ , 96 hour: 0.08 mg/l, Pimephales promelas (Fat-head Minnow) (ECOTOX Database)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hour: 0.04 mg/l, Daphnia magna (ECOTOX Database)
Acute toxicity - aquatic plants	ErC ₅₀ , 72 hour: 0.036 mg/l, Pseudokirchneriella subcapitata (OECD 201) Static test. EC ₁₀ , 72 hour: 0.02 mg/l, Pseudokirchneriella subcapitata (OECD 201) Static test.
Acute toxicity - microorganisms	EC ₅₀ , 3 hour: 77.1 mg/l, Activated sludge Growth inhibition test (OECD 209) Static test.

Chronic aquatic toxicity

M factor (Chronic)	1
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Lauramine Oxide

Acute aquatic toxicity

LE(C)₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC ₅₀ , 96 hour: 31,8 mg/l, Danio rerio (zebra fish) (OECD 203) NOEC, 15 day: 0,495 mg/l, Pimephales promelas (Fat-head Minnow)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hour: 3,9 mg/l, Daphnia magna (OECD 202)
Acute toxicity - aquatic plants	ErC ₅₀ , 72 hour: 0,2 mg/l, Pseudokirchneriella subcapitata (OECD 201) ErC ₅₀ , -- : 0,146 mg/l, Pseudokirchneriella subcapitata NOEC, -- : 0,015 mg/l, Pseudokirchneriella subcapitata

sodium hydroxide solution

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 45.6 mg/l, Oncorhynchus mykiss (Rainbow trout) LC ₅₀ , 96 hour: 196 mg/l, Marinewater fish LC ₅₀ , 96 hour: 125 mg/l, Freshwater fish, Western mosquitofish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 96 hours: 33-100 mg/l, Daphnia magna EC ₅₀ , 2 day: 40,4 mg/l, Daphnia magna
Chronic aquatic toxicity	
Chronic toxicity - fish early life stage	NOEC, 4 day: 56 mg/l, Marinewater fish

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Ecological information on ingredients.

Sodium hypochlorite, solution Cl active

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

Lauramine Oxide

Biodegradation Aerobic - Degradation 95,2: 28 day
OECD 301C - Ready Biodegradability - Modified MITI Test (I)

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient No information available.

Ecological information on ingredients.

sodium hydroxide solution

Bioaccumulative potential No potential for bioaccumulation.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Endocrine disrupting properties

Endocrine disrupting properties The product does not contain any endocrine disrupting substance.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

Waste class 20 01 29* Detergents containing dangerous substances

SECTION 14: Transport information

General For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

14.1. UN number

UN number or ID number

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Sodium hypochlorite, solution Cl active, Lauramine Oxide)
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Sodium hypochlorite, solution Cl active, Lauramine Oxide)
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Sodium hypochlorite, solution Cl active, Lauramine Oxide)
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS Sodium hypochlorite, solution Cl active, Lauramine Oxide)

14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z

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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
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Hazard Identification Number (ADR/RID) 90

Tunnel restriction code (-)

Limited quantities (ADR) 5 L

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Maritime transport in bulk according to IMO instruments Not applicable.

SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
EH40/2005 Workplace exposure limits.
Commission Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Commission Regulation (EU) 2020/878 of 18 June 2020.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

Authorisations (SI 2020 No. 1577 Annex XIV) No specific authorisations are known for this product.

and REACH 1907/2006, Annex XIV

Restrictions (SI 2020 No. 1577 Annex XVII) No specific restrictions on use are known for this product.

and REACH 1907/2006, Annex XVII

Seveso Directive - Control of major accident hazards E1 Lower-tier 100 tonnes Upper-tier 200 tonnes.
E2 Lower-tier 200 tonnes Upper-tier 500 tonnes.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
CAS: Chemical Abstracts Service.
ATE: Acute Toxicity Estimate.
LC50: Lethal Concentration to 50 % of a test population.
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
EC₅₀: 50% of maximal Effective Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Dos Clean

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Classification abbreviations and acronyms	Eye Dam. = Serious eye damage Skin Irrit. = Skin irritation Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Key literature references and sources for data	This SDS is prepared based on the information received from the product owner. Source: European Chemicals Agency, http://echa.europa.eu/
Classification procedures according to SI 2019 No. 720	Eye Dam. 1 - H318: Skin Irrit. 2 - H315: : Calculation method. Aquatic Acute 1 - H400: Aquatic Chronic 2 - H411: : Calculation method.
Revision comments	This is the first issue.
Issued by	Gülseren SARIKAYA / CRAD gbf@crad.com.tr Tel.:+90 216 3354600
Revision date	21/11/2024
Revision	1.0
Supersedes date	21/11/2024
SDS number	15745
Hazard statements in full	H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. EUH208 Contains 4-tert-butylcyclohexyl acetate. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.