

SAFETY DATA SHEET

according to Hazardous Products Regulations (HPR)

Page 1/11

Ascend

Revision 1 **Revision date** 2020-01-24

SECTION 1: Identification of the substance/mixture and of the company/undertaking				
1.1. Product identifier				
Product name	Ascend			
Product code	603122, 303122			
1.2. Relevant identified uses of t	the substance or mixture and uses advised against			
Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC35]			
	Washing and cleaning products (including solvent based products);			
Description	General purpose cleaner and hand wash.			
1.3. Details of the supplier of the	e safety data sheet			
Company	Neogen Corporation			
Address	620 Lesher Place			
	Lansing MI 48912			
	USA			
Web	www.neogen.com			
Telephone	517-372-9200/800-234-5333			
Email	SDS@neogen.com			
1.4. Emergency telephone numb	Der			
	24 hours:			
	Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)			
	Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)			
Further information				
	Manufactured By:.			
	Preserve International			
	944 Nandino Blvd.			
	Lexington, KY 40511-1205 U.S.A.			
	Preserve International is a wholly-owned subsidiary of Neogen Corporation.			
SECTION 2: Hazards identification				
2.1. Classification of the substan	nce or mixture			
2.1.2. Classification - EC 1272/2008	Skin Corr. 1B: H314; Aquatic Chronic 3: H412;			
2.2. Label elements	2.2. Label elements			



Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	 P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	 P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician. P363 - Wash contaminated clothing before reuse.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations

2.3. Other hazards

Other hazards May be harmful if swallowed.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Dodecylbenzenesulphonic acid		27176-87-0	248-289-4		1 - 10%	Acute Tox. 4: H302; Skin Corr. 1B: H314;
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		1 - 10%	Skin Corr. 1A: H314;
Lauryl dimethyl amine oxide		1643-20-5	216-700-6		1 - 10%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411;
Cocamidopropyl betaine		61789-40-0	263-058-8		1 - 10%	Eye Dam. 1: H318; Aquatic Acute 2: H401; Aquatic Chronic 3: H412;
Fragrance, Universal					0 - 0.5%	Flam. Liq. 4: H227; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Carc. 2: H351; STOT SE 2: H371;

Description

Concentrations listed are not product specifications.

Further information



Revision 1

Revision date 2020-01-24

Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Immediate medical attention is required. If unconscious, check for breathing and apply artificial respiration if necessary. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration.
Eye contact	Remove the affected person from the source of contamination immediately. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Contact lenses should be removed. Immediate medical attention is required.
Skin contact	Remove the affected person from the source of contamination immediately. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Immediate medical attention is required.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting unless told to do so by the poison control center or doctor. Probable mucosal damage may contraindicate the use of gastric lavage. Never give anything by mouth to an unconscious person. Immediate medical attention is required.

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

Inhalation	Corrosive to the respiratory tract. Causes burns. In severe cases, may cause loss of consciousness. May cause irritation to mucous membranes. May cause dizziness and headache.
Eye contact	Risk of serious damage to eyes. Causes severe inflammation and may damage the cornea. Danger of very serious irreversible effects.
Skin contact	Corrosive to living tissue. Causes skin burns. Danger of very serious irreversible effects.
Ingestion	Corrosive to living tissue. Causes severe burns. Danger of very serious irreversible effects. Ingestion may cause nausea and vomiting.

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

Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Immediate medical attention is required. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

 Use extinguishing media appropriate to the surrounding fire conditions.

 5.2. Special hazards arising from the substance or mixture

 Corrosive. Do not breathe vapour or spray mist. Contains substance(s) which are hazardous to the environment. Do not allow runoff water to enter sewers or drains.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Do not breathe vapour or spray mist. Wear: Self-contained breathing apparatus, Protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In the case of cleanup following a spill, wear protective clothing and appropriate equipment to prevent exposure of skin and eyes and to prevent ingestion or inhalation. Ensure adequate ventilation of the working area. Keep personnel away from spill. Avoid contact with eyes and skin. Avoid prolonged or repeated exposure. Keep away from incompatible materials.



6.2. Environmental precautions		
	Prevent further spillage if safe. Clean spilla into surface water. Do not let product cont	age area thoroughly with plenty of water. Do not flush aminate subsoil.
6.3. Methods and material for co	ontainment and cleaning up	
		an spillage area thoroughly with plenty of water. Dispose ous or special waste collection point. Do not contaminate al of wastes.
6.4. Reference to other sections	i	
	See Section(s) 2, 8, and 13 for further info	rmation.
SECTION 7: Handling and s	torage	
7.1. Precautions for safe handlin		
	open container with care. Do not breather working area. In case of insufficient ventila damage and skin damage. Wear chemical rubber gloves when handling this product. Wash hands thoroughly with soap and wa gum, using tobacco, or using the toilet. Co	
7.2. Conditions for safe storage,	including any incompatibilities	
	tightly closed. Do not contaminate water, f	ace inaccessible to children and pets. Keep container food, or feed by storage or disposal. Keep containers o not store with incompatible substances or mixtures.
7.3. Specific end use(s)		
	See Section(s) 1.2 for further information.	
Further information		
	Refer to product label and/or package inse	ert for additional information.
SECTION 8: Exposure contr	ols/personal protection	
8.1. Control parameters		
-		
8.1.1. Exposure Limit Values		
Sodium hydroxide	8-hour OEL ppm:	8-hour OEL mg/m3:
	8-hour OEL f/cc:	15-min or ceiling (c) OEL ppm:
	15-min or ceiling (c) OEL mg/m3: (c) 2	Substance interaction 1,2,3: 3

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects.
8.2.2. Individual protection measures	Wear chemical protective clothing. Do not breathe dust or vapour.
Eye / face protection	Wear: Chemical safety goggles, Face shield.



Revision 1

Revision date 2020-01-24

Skin protection - Handprotection	Wear: Chemical resistant gloves. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Skin protection - Other	After contact with skin, wash immediately with plenty of soap and water. Wear suitable protective clothing, gloves and eye/face protection.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	 Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Provide chemical shower. Provide eye wash station. Protect clothing from contact with the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of food or feedstuffs.

Refer to product label for additional PPE requirements and recommendations. Follow label

instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Viscous liquid.
Colour	Blue
Odour	Aromatic
Odour threshold	No data available
pH	6.5 - 9.5
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability limits	Not applicable.
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.02 - 1.06
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive	Not applicable.
Oxidising	No data available
Solubility	Soluble in water

9.2. Other information

Gas group	Not applicable.
VOC (Volatile organic	No data available
compounds)	

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability



Revision 1

Revision date 2020-01-24

10.2. Chemical stability	
	Stable under normal conditions.
10.3. Possibility of hazardous re	actions
	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
10.4. Conditions to avoid	
	Keep away from extreme temperatures.
10.5. Incompatible materials	
	No data available.
10.6. Hazardous decomposition	products
	Carbon oxides.
SECTION 11: Toxicological i	nformation
11.1. Information on toxicologica	
Acute toxicity	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
Skin corrosion/irritation	Corrosive to living tissue. Causes burns. Possible risk of irreversible effects.
Serious eye damage/irritation	Causes severe burns. Causes severe inflammation and may damage the cornea. Possible risk of irreversible effects.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-123. Not listed in the National Toxicology Program (NTP) 14th Report on Carcinogens. Not listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause oral mucosal irritation.
STOT-repeated exposure	Components(s) may cause damage to human organs based on animal data.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.
11.1.2. Mixtures	
	See Section(s) 3 for further information.
11.1.3. Hazard Information	
	See Section(s) 2 and 3 for further information.
11.1.4. Toxicological Information	
	No data available
11.1.5. Hazard Class	
	See Section(s) 2 and 4 for further information.



Revision date 2	2020-01-24
-----------------	------------

11.1.6. Classification Criteria	
	Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.
11.1.7. Information on likely rout	es of exposure
	Skin contact. Eye contact. Ingestion. Inhalation.
11.1.8. Symptoms related to the	physical, chemical and toxicological characteristics
	See Section(s) 4.2 for further information.
11.1.9. Delayed and immediate	effects as well as chronic effects from short and long-term exposure
	See Section(s) 4.2 for further information.
11.1.10. Interactive effects	
	No data available.
11.1.11. Absence of specific data	a
	<1% of this mixture consists of ingredients of unknown acute toxicity.
11.1.12. Mixture versus substan	ce information
	See Section(s) 3 for further information.
11.1.13. Other information	
	Caution - substance not yet fully tested.
SECTION 12: Ecological info	rmation
12.1. Toxicity	
	No data available
12.2. Persistence and degradable	ility
	No data is available on this product.
12.3. Bioaccumulative potential	
	No data is available on this product.
Partition coefficient	
	Ascend No data available
12.4. Mobility in soil	
	No data is available on this product.
12.5. Results of PBT and vPvB a	assessment
	No data is available on this product.
12.6. Other adverse effects	
	Caution - substance not yet fully tested.
SECTION 13: Disposal cons	iderations
13.1. Waste treatment methods	
	Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not discharge effluent containing this product to sewer systems. Follow label instructions.



Disposal methods	
	Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not empty into drains; dispose of this material and its container in a safe way. Do not flush into surface water. Do not let product contaminate subsoil.
Disposal of packaging	
	Nonrefillable container. Do not reuse or refill this container. If empty: Do not reuse this container. Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Can be recycled if in compliance with local and national regulations.
Further information	
	Refer to product label and/or package insert for additional information.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

14.1. UN number			
	UN1760		
14.2. UN proper shipping name			
	CORROSIVE LIQUID, N.O.S. (Dodecyl benzenesulfonic acid, Sodium hydroxide)		
14.3. Transport hazard class(es)		
ADR/RID	8		
Subsidiary risk	-		
IMDG	8		
Subsidiary risk	-		
IATA	8		
Subsidiary risk	-		
14.4. Packing group			
Packing group	11		
14.5. Environmental hazards			
Environmental hazards	No		
Marine pollutant	No		
ADR/RID			
Hazard ID	80		
Tunnel Category	(E)		
IMDG			
EmS Code	F-A S-B		



ΙΑΤΑ	
Packing Instruction (Cargo)	855
Maximum quantity	30 L
Packing Instruction	851
(Passenger)	
Maximum quantity	1L

SECTION 15: Regulatory information

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

Regulations	WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR).
	International
	Basel Convention (Hazardous Waste): H8.
	Chemical Weapons Convention (OPCW): This material contains no reportable components.
	Kyoto Protocol Greenhouse Gases: This material contains no reportable components.
	Mercosur Agreement: Not applicable.
	Montreal Protocol: This material contains no reportable components.
	The Rotterdam Convention: This material contains no reportable components.
	The Stockholm Convention: This material contains no reportable components.
	Asia and the ASEAN Nations
	Catalog of Hazardous Chemicals (China): This material contains no reportable components.
	Regulation of Minister of Trade of the Republic of Indonesia, Number 75, Year 2014, regarding The
	Second Amendment of Minister of Trade, Number 44, Year 2009, Regarding Provision,
	Distribution, and Control of Hazardous Substances: This material contains no reportable
	components.
	Chemical Substances Control Law (Japan): Class I environmental release, [Dodecyl
	benzenesulfonic acid, CAS No. 27176-87-0], Water Pollution Control Law:, [Sodium hydroxide
	(solution), CAS No. 1310-73-2], Priority Assessment, (ecosystem), [169, Lauryl dimethyl amine
	oxide, CAS No. 1643-20-5], [174, Cocamidopropyl betaine, CAS No. 61789-40-0].
	Industrial Safety and Health Act, Dangerous Substances (Japan): Labeling/Notification required,
	[Sodium hydroxide (solution), CAS No. 1310-73-2].
	Poisonous and Deleterious Substances Act (Japan): This material contains no reportable
	components.
	Chemical Substances Subject to Permission (Korea): This material contains no reportable
	components.
	Restricted or Prohibited Substances (Korea): This material contains no reportable components.
	Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH), Regulation 2000
	(Malaysia): Schedule I exposure standard, CLASS regulation, [Sodium hydroxide (solution), CAS
	No. 1310-73-2]. Philippine Inventory of Chemicals and Chemical Substances (PICCS): All ingredients listed or
	exempt.
	Taiwan Toxic and Concerned Chemical Substances Control Act (TCCSCA): This material contains
	no reportable components.
	Hazardous Substances Act (Thailand): This material contains no reportable components.
	Law on Chemicals (Vietnam): Annex I, Appendix V, Appendix VII, [Sodium hydroxide (solution),
	CAS No. 1310-73-2].
	Australia and New Zealand
	Australian Dangerous Goods Code: Class 8.
	Australian Inventory of Chemical Substances (AICS): All ingredients listed or exempt.
	New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt.



Re	vision			1

Revision date 2020-01-24

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture		
European Union (EU) and the United Kingdom (UK) Authorisation List (Annex XIV of REACH): This material contains no reportable components. Annex XVII for REACH: This material contains no reportable components. Article 95 of the Biocidal Products Regulation (BPR): Not applicable.		
North America Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt. Toxic Substances Control Act (TSCA): All ingredients listed or exempt. Massachusetts Right-to-Know Hazardous Substance List: Dodecyl benzenesulfonic acid, Sodium hydroxide (solution).		
New Jersey Worker and Community Right to Know Act: Dodecyl benzenesulfonic acid, Sodium hydroxide (solution). Pennsylvania Right to Know Law: Benzenesulfonic acid, dodecyl-, Sodium hydroxide (solution). Rhode Island Right-to-Know General Law: Sodium hydroxide (solution). **California residents please note**.		
WARNING: This product can expose you to chemicals, including Formaldehyde (trace), CAS No. 50-00-0, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.		
tion		
 This document differs from the previous version in the following areas:. 1 - Description. 1 - Product Use. 1 - Manufactured By:. 2 - Other hazards. 2 - Precautionary Statement: Response. 		

2 - Precautionary Statement: Storage.

- 2 Precautionary Statement: Disposal.
- 5 5.2. Special hazards arising from the substance or mixture.
- 6 6.3. Methods and material for containment and cleaning up.
- 8 Further information.
 - 9 9.1. Information on basic physical and chemical properties (Odour).
 - 9 9.1. Information on basic physical and chemical properties (Explosive).
 - 9 9.1. Information on basic physical and chemical properties (Relative density).
 - 9 9.1. Information on basic physical and chemical properties (Solubility).
- 9 9.2. Other information (Gas group).
 - 9 9.2. Other information (Specific gravity).
 - 10 10.4. Conditions to avoid.
 - 10 10.5. Incompatible materials.
 - 13 Further information.
- 14 ADR/RID.
- 14 IMDG.
- 14 IATA. 15 -.
- Acronyms
- ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).
 - CAS No.: Chemical Abstracts Service.
 - CLASS: Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia).



Revision	1
Revision date	2020-01-24

Other information	
Other information	 GHS: Globally Harmonized System. HCS 2012: U.S. Hazard Communication Standard (2012 revision). IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation. IMDG: International Maritime Dangerous Goods. LD: Lethal dose. OEL: Occupational exposure limit. OSHA: U.S. Occupational Safety and Health Administration. PEL: Permissible Exposure Limit. REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals. SVHC: Substance of very high concern. US DOT: United States Department of Transportation. VOC: Volatile Organic Compound. WEL: Workplace Exposure Limit. Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 18: H314 - Causes severe skin burns and eye damage. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Corr. 1A: H314 - Causes serious eye irritation. Eye Irrit. 2: H315 - Causes serious eye damage. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 2: H411 - Toxic to aquatic life. Aquatic Acute 2: H401 - Toxic to aquatic life. Aquatic Acute 2: H401 - Toxic to aquatic life. Aquatic Acute 2: H411 - Toxic to aquatic life. Aquatic Acute 2: H411 - Toxic to aquatic life. Aquatic Acute 2: H411 - Toxic to aquatic life. Aquatic Acute 2: H411 - Toxic to aquatic life. Aquatic Acute 2: H401 - Toxic to aquatic life. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Flam. Liq. 4: H227 - Combustible liquid. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Further information	Skin Sens. 1: H317 - May cause an allergic skin reaction. Carc. 2: H351 - Suspected of causing cancer . STOT SE 2: H371 - May cause damage to organs .
	DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.
	Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.

