



1 Identification

Product Identifier	ACTIVE CLEANER
Supplier	Everstar s.r.o. Bludovská 18, 787 01 Šumperk, Czech Republic Tel. +420 583 301 070 everstar@everstar.cz
Recommended use and restriction on use	Cleaning and degreasing agent for steam ovens. This product should not be used for any other purpose. Keep away from children.
Emergency telephone number and any restrictions on the use of that number, if applicable	IMMEDIATELY contact the local POISON CONTROL center for your area (24 hours): United States: 1-800-222-1222 or 911
Substance or mixture	Mixture

2 Hazard Identification

Signal Word	DANGER
Pictographs	
Hazard Classifications and categories	Corrosive to metals, category 1 Skin corrosion/irritation, category 1 Serious eye damage/eye irritation, category 1 Specific target organ toxicity, single exposure, category 3
Hazard Statements	May be corrosive to metals. Causes severe skin burns and eye damage. May cause respiratory irritation.
Precautionary Statements	
PREVENTION	Do not breathe dusts, fumes, gases, vapors or mists. Use only outdoors or in a well-ventilated area. Wash skin and clothing thoroughly after handling. Wear protective gloves, clothing, eye and face protection. Keep only in original container.
RESPONSE	If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing.



Immediately call a poison center or doctor. Treat symptomatically.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
Absorb spillage to prevent material damage.

STORAGE

Store locked up and in a well-ventilated place. Keep container tightly closed.
Store in corrosive resistant container with a resistant inner liner.

DISPOSAL

Dispose of contents and containers in accordance with local, State and federal regulations.

Other Hazards

Harmful to aquatic life with long lasting effects. Contact with acids liberates toxic gas.

% of ingredients of unknown toxicity

Not applicable – refer to Section 11

3 Composition / Information on ingredients

Chemical Name and Synonyms	CAS #	Concentration % by weight
Sodium hydroxide Caustic soda Soda lye	1310-73-2	20-40*
Sodium metasilicate pentahydrate Silicic acid, disodium salt, pentahydrate Disodium oxosilanediolate pentahydrate	10213-79-3	10-30*
Sodium dichloroisocyanurate dihydrate Trosclose sodium, dihydrate Dichloroisocyanuric acid sodium salt dihydrate	51580-86-0	1-2*
*Actual concentration is withheld as a trade secret.		

4 First Aid Measures

Description of necessary first aid measures

INHALATION

Get immediate medical assistance. Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.

INGESTION

Get medical attention immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse out the mouth with water. If vomiting occurs prevent patient from aspirating the vomit.

SKIN CONTACT

Immediately remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water until no evidence of the chemical remains (at least 15-20 minutes). Launder clothing before reuse. Seek medical attention if symptoms occur.



EYE CONTACT	Get medical attention immediately. Immediately flush eyes with plenty of clean water for an extended time, not less than fifteen (20) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion.
The most important symptoms and effects (acute or delayed)	Irritation of airways, coughing, headache. Severe skin irritation and burns. Eye contact will cause irritation, reddening, lacrimation and pain with risk of irreversible eye damage. Ingestion may cause damage to the gastrointestinal tract.
Immediate and special treatment	Treat symptomatically. A copy of this Safety Data Sheet must accompany a worker seeking treatment for potential exposure to this product.

5 Fire-Fighting Measures

Suitable and unsuitable extinguishing media	Use water mist or spray, alcohol resistant foam, dry chemical or carbon dioxide suitable for surrounding fire.
Special hazards	This product is non-flammable. Keep containers cool with water spray. Closed container may rupture (due to build up in pressure) when exposed to extreme heat. Dense black smoke is formed in fire, carbon monoxide, carbon dioxide, oxides of nitrogen and other toxic gases may be generated. Inhalation of hazardous decomposition pyrolysis products may cause serious harm.
Special protective equipment and precautions for firefighters	Wear self-contained breathing apparatus (SCBA) equipped with a full-face piece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing suitable for surrounding fire. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations. See section 9 for additional information.

6 Accidental Release Measures

Personal precautions	Do not touch spilled material without personal protective equipment. Ensure that area is well-ventilated. Do not generate dust.
Protective equipment	Wear tightly fitting protective chemical resistant goggles and a face shield, impervious protective gloves (natural rubber, neoprene, butyl, or nitrile).
Emergency procedures	Personal protective equipment must be worn. Prevent spilled product from entering drains, pipes or any waterway.



Method and materials for containment and clean up

Do not flush product into public sewer, water systems or surface waters. Stop leak if without risk. Move containers from spill area. Wear proper personal protective clothing and equipment. Shovel or sweep and place into labeled, closed container; store in a secure and safe location to await disposal. Change contaminated clothing and launder before reuse. Notify local authorities as required by any regulations in your jurisdiction.

7 Handling and Storage

Precautions for safe handling

As with any chemical product, use good laboratory/workplace procedures including wearing the recommended personal protective equipment. Use under well-ventilated conditions. Do not generate dust, mist, fumes or vapors when using this product. Do not smoke when using this product. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Do not get in eyes or on skin or clothing. Do not breathe aerosol, mist, spray, fume, vapor or dust generated by this product. Do not drink, taste, swallow or ingest this product. Wash contaminated clothing before reuse. Do not handle use or handle with acids, other alkalis or oxidizing agents.

Conditions for safe storage including incompatibilities

Keep away from heat, sparks and open flames. Store under well-ventilated conditions away from direct sunlight. Store this material away from incompatible substances including acids, other alkalis, oxidizing agents. Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Empty container contains residual product which may exhibit hazards of product. Do not reuse empty container without commercial cleaning or reconditioning.

8 Exposure Controls / Personal Protection

Appropriate engineering controls

Always provide effective general and, when necessary, local exhaust ventilation to draw dust, spray, aerosol, fume, mist and vapor to prevent inhalation. Ventilation must be adequate to maintain air concentrations below occupational exposure standards. When necessary use mechanical handling to reduce human contact with materials.

**Individual protection measures/personal protective equipment
Eye/Face**

Eyewash fountains and safety showers are recommended in the work area.

Tightly fitting chemical safety goggles and a face shield.



Skin Wear neoprene, natural rubber, butyl or nitrile gloves. Wear clothing that prevents contact with the skin. Wash contaminated clothing before reuse.

Respiratory Do not breathe aerosol, mist, spray, fume, vapor or dust generated by this product. Respiratory protection must be considered if any dust is generated when using this product.

Ingredient	Exposure limit value
Sodium hydroxide	ACGIH STEL ceiling 2 mg/m ³ OSHA PEL TWA 2 mg/m ³ (vacated but still in force in some States) NIOSH REL 15-minute ceiling 2 mg/m ³
Sodium metasilicate pentahydrate	Not established
Sodium dichloroisocyanurate dihydrate	Not established

9 Physical and Chemical Properties

Physical State	Solid
Appearance	Granules
Color	White-blue
Odor	Weak acid odor
Odour Threshold	Not available
pH	13.3 (1% solution)
Melting / Freezing Point °C	Not available
Initial Boiling Point / Boiling Range °C	Not available
Evaporation Rate	Not available
Flammability in the case of solids and gases	Not applicable
Flash Point °C	Not available and not expected to be flammable
Upper and Lower Flammability or Explosive Limits	Not available
Auto-Ignition Temperature °C	Not available
Vapor Pressure	Not available
Vapor Density	Not applicable
Relative Density	Not available
Solubility	Soluble in water
Partition Coefficient (n-Octanol/Water)	Not available
Decomposition Temperature °C	Not available
Viscosity	Not applicable



10 Stability and Reactivity

Reactivity	Stable at normal temperatures and pressure.
Chemical stability	This product is stable when used in accordance with the label instructions.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Excessive heat and sources of ignition, direct sunlight and frost.
Incompatible materials	Avoid strong acids, other alkalis and oxidizing agents.
Hazardous decomposition products	Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide, nitrogen oxides and other products of incomplete combustion.

11 Toxicological Information

Likely route of exposure	Eye, skin, inhalation and ingestion
Symptoms	
Eyes	Eye contact will cause irritation, reddening, lacrimation and pain with risk of irreversible eye damage.
Skin	Severe skin irritation and burns.
Inhalation	Irritation of airways, coughing, headache
Ingestion	Ingestion may cause damage to the gastrointestinal tract.
Delayed effects from short- and long-term exposure	Not anticipated.
Carcinogenicity	No component of this product present at concentrations greater than or equal to 0.1% has been identified as a probable, possible or recognized human carcinogen by IARC.
Mutagenicity	Based on available data the hazard classification is not met.
Reproductive toxicity	Based on available data the hazard classification is not met.
Other effects	To our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

Numerical measures of toxicity including ATEs	LD ₅₀ Oral (mg/kg)	LD ₅₀ Dermal (mg/kg)	LC ₅₀ (Gas, Vapor, Mist, Fume)
Sodium hydroxide	LDL ₀ 500 rabbit	1350 rabbit	Corrosive
Sodium metasilicate pentahydrate	>1000 rat (sodium silicate)	>5000 rat	>2060 mg/m ³ rat
Sodium dichloroisocyanurate dihydrate	1400 rat	>2000 rabbit	877-950 mg/L 1 hour rat



12 Ecological Information

Ecotoxicity, if available	Sodium hydroxide: LC50 125 mg/L gambusia affinis 96 hours EC50 40.4 mg/L daphnia magna 48 hours Sodium metasilicate pentahydrate: LC50 2320 mg/L gambusia affinis 96 hours EC50 1700 mg/L daphnia magna 48 hours EC50 207 mg/L Scenedesmus subspicatus 72 hours Troclosene sodium, dihydrate: LC50 >2100 mg/L pimephales promelas 96 hours LC50 0.196 mg/L daphnia magna 48 hours EC50 >1000 mg/L selenastrum capricornutum 24 hours
Persistence and biodegradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Soluble and mobile in soil and water.
Other adverse effects	Prevent entry to waterways.

13 Disposal Considerations

Disposal instructions	Dispose of unused contents (incineration) in accordance with national and local regulations.
Disposal methods	Dispose of container in accordance with national and local regulations. Ensure the use of properly authorized waste management companies, where appropriate. See section 8 for recommendations on the use of personal protective equipment.

14 Transportation Information

UN Number	UN3262
Proper Shipping Name	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (sodium hydroxide, sodium trioxosilicate)
Hazard Class(es)	8
Packing Group	II
Environmental Hazards	Not hazardous during transportation
Special precautions	Not applicable

Safety Data Sheet
In accordance with US Hazard Communication Standard, 2012



Label



Classification Statement

This product has been classified in accordance 49CFR DOT regulations.

15 Regulatory Information

US TSCA Inventory Status	All ingredients appear on the TSCA inventory (including the anhydrous form of the hydrates)
Significant New Use Rule OSHA SARA III	None
Emergency Planning (301-303)	None
Emergency Release (304)	None
Storage reporting (311-312)	Reportable
CERCLA reportable quantity	Sodium hydroxide: 1,000 lb
Hazardous Air Pollutants (HAPS)	None
California Proposition 65	None
HMIS	3-0-0

16 Other Information

Date of the latest revision	September 16, 2022
Revision number	1
Revision details	New
Abbreviations	CERCA – Comprehensive Environmental Response, Compensation and Liability Act EPCRA – Emergency Planning and Community Right to Know Act HMIS – Hazardous Materials Identification System – American Coatings Association OSHA – Occupational Safety and Health Administration SARA – Superfunds Amendments and Reauthorization Act TSCA – Toxic Substances Control Act

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Safety Data Sheet
In accordance with US Hazard Communication Standard, 2012



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