

SAFETY DATA SHEET
According to US Hazard Communication Standard, 2012



SECTION 1 – IDENTIFICATION

Product identifier

Trade name ACTIVE CLEANER

Relevant identified uses of the substance or mixture and restrictions on use

Relevant identified uses: Cleaning and degreasing agent for steam ovens.

Restrictions: no uses advised against known

Manufacturer:

Everstar s.r.o.
Bludovská 18
787 01 Šumperk
Czech Republic
e-mail (competent person) everstar@everstar.cz

Distributor

ACCUTEMP PRODUCTS, INC.
8415 N Clinton Park Drive
Fort Wayne, IN 46825
Tel.: 800-210-5907
e-mail: service@accutemp.net

Emergency telephone number

Poison Help line: 1-800-222-1222

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Met. Corr. 1, H290
Skin Corr. 1A, H314
STOT SE 3, H335
Aquatic Chronic 3, H412

Full texts of all H phrases are displayed in section 16.

The most important adverse physical effects:

May be corrosive to metals.

The most important adverse human health and environmental effects:

Causes severe skin burns and eye damage. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.

Label elements:

Hazard pictograms:



Other hazards: None

Signal word: Danger

Hazard statements:

H290 May be corrosive to metals

H314 Causes severe skin burns and eye damage

H335 May cause respiratory irritation

H412 Harmful to aquatic life with long lasting effects

Precautionary statements:

P280: Wear protective gloves, eye protection

P261: Avoid breathing dust.

P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 + P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Additional information: EUH031 – Contact with acids liberates toxic gas

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

This mixture contain following ingredients that meet hazard class criteria.

Name of ingredient	EC/CAS				Content [%] w/w
		Hazard Class	Hazard Class and Category Code	Hazard Statement	
sodium hydroxide	215-185-5/ 1310-73-2	Substance or mixture corrosive to metals Skin corrosion	Met. Corr. 1 Skin Corr. 1A <i>Spec. konc. limit</i> <i>Skin Corr. 1A; H314: C ≥</i> <i>5 % Skin Corr. 1B; H314:</i> <i>2 % ≤ C < 5 % Skin Irrit. 2;</i> <i>H315: 0,5 % ≤ C < 2 %</i> <i>Eye Irrit. 2; H319: 0,5 % ≤</i> <i>C < 2 %</i>	H290 H314	20 - 40
Sodium metasilicate pentahydrate	229-912-9/ 10213-79-3	Substance or mixture corrosive to metals Skin corrosion Specific target organ toxicity — single exposure	Met. Corr. 1 Skin Corr. 1B STOT SE 3	H290 H314 H335	10 - 30
Troclosene sodium, dihydrate	220—767-7/ 51580-86-0	Acute toxicity Serious eye irritation Specific target organ	Acute Tox. 4 Eye Irrit. 2 STOT SE 3	H302 H319 H335	1 - 2

		toxicity — single exposure Hazardous to the aquatic environment	Aquatic Acute 1 Aquatic Chronic 1 EUH031	H400 H410 EUH031	
Alcohols, C8-10, ethers with polyethylene-polypropylene glycol monobenzyl ether	- / 68154-99-4	Acute toxicity Skin irritation Serious eye damage	Acute Tox. 4 Skin Irrit. 2 Eye Dam 1	H312 H315 H318	0,5 – 2,0

SECTION 4 – FIRST AID MEASURES

If health problems occur or if in doubt, call medical help and provide medical staff with information from this Safety Data Sheet. If unconscious, place the patient onto the recovery position (on the side with the head tilted slightly back) and make sure the airways are clear; never induce vomiting. If vomiting spontaneously, prevent the patient from aspirating the vomit.

Inhalation: Take the affected person to fresh air and keep him/her warm and at rest (both physically and mentally). Immediately seek medical help.

Skin contact: Take all contaminated clothing off immediately. Wash affected skin with soap and warm water.

Eye contact: Remove contact lenses. Rinse wide-open eyes with lukewarm running water for 10 - 30 minutes, seek medical help.

Ingestion: DO NOT INDUCE VOMITING! – There is the risk of further damage to the digestive tract! There is the risk of perforation of the stomach and esophagus!

IMMEDIATELY RINSE THE MOUTH WITH WATER and drink 2-5 dl cold water to mitigate the thermal effect of caustics. Not suitable soda and mineral water from which they can release carbon dioxide gas. Larger amounts of ingested fluid is not appropriate, it could induce vomiting and possible aspiration caustic into the lungs. If victim has pain in the mouth or throat rinse mouth with water only.

DO NOT USE ACTIVATED CARBON!

Do not give any food. Do not give anything by mouth if the patient is unconscious or having convulsions. Depending on the situation, call the ambulance or secure medical attention as quickly as possible.

Most important symptoms: (acute and delayed):

Inhalation / aspiration: Irritation of airways, coughing, headache.

Skin contact: Irritation.

Eye contact: Irritation, reddening, lacrimation, pain. Risk of irreversible eye damage.

Ingestion: Damage to the gastrointestinal tract.

Immediate medical attention and treatment: No special treatment is specified. Symptomatic treatment.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing techniques: Alcohol resistant foam, CO₂, powder, water mist, water spray jet.

Unsuitable extinguishing techniques: full - water jet.

Equipment: Advice shall be provided on any protective actions to be taken during firefighting, such as “keep containers cool with water spray”, and on special protective equipment for firefighters, such as boots, overalls, gloves, eye and face protection and breathing apparatus.

Chemical hazards from fire: Dense black smoke is formed in fire, carbon monoxide, carbon dioxide and other toxic gases may be generated. Inhalation of hazardous decomposition pyrolysis products may cause serious damages to health.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency procedures: The mixture is non-flammable. Provide sufficient ventilation. Use protective goggles or face shield, protective clothing, and gloves. Proceed according to the directions given in Sections 7 and 8.

Protective equipment: Use protective goggles or face shield, protective clothing, and gloves. See also Section 8 of this safety data sheet.

Proper methods of containment and cleanup: Contain the spilt mixture with a suitable (non-flammable) absorbing material (sand, diatomaceous earth, soil, and other suitable materials), place it in well closed vessels, and dispose of as specified in Section 13. Dispose of the collected material in accordance with locally valid regulations. In case of large releases, inform fire brigade and environmental department of the municipal authority. After removing the mixture, wash the contaminated area with a large quantity of water or a suitable cleaning agent. Do not use solvents.

SECTION 7 – HANDLING AND STORAGE

Procedures for safe handling: Provide sufficient ventilation. The mixture is non-flammable. Prevent the formation of gases and vapors in concentrations exceeding the highest permissible concentrations for workplace atmosphere. Do not smoke. Protect from direct sunlight. Do not inhale gases and vapors. Prevent contact with skin and eyes. Use personal protective equipment specified in Section 8. Observe valid legal regulations related to work safety and health protection.

Conditions for safe storage: Store in dry, cool, and well-ventilated rooms, in original, tightly-closed vessels. Protect from direct sunlight.

Materials for packaging: Not specified.

Incompatible materials: Not specified.

SECTION 8 – EXPOSURE CONTROLS AND PERSONNEL PROTECTION

Permissible exposure Limits: Sodium hydroxide

OSHA PEL-TWA 2 mg/m³

ACGIH TWA 2mg/m³

NIOSH REL 2 mg/m³

Appropriate engineering controls: Provide general ventilation to avoid formation of gases and vapors in concentrations exceeding the highest permissible concentrations for workplace atmosphere.

Personal protective equipment

Eye: Wear protective goggles or face shield at work (according to the character of the work executed).

Skin: wear protective gloves resistant to the product, protective clothing. Impermeable gloves acc. to EN 374, code letter A, K, L. Class 6. Observe other recommendations of the manufacturer. Work clothing. When spilled on skin, wash thoroughly.

Respiratory: Not required at sufficient ventilation. With insufficient ventilation use a respirator or other suitable respiratory protection.

Environmental: Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	solid at 20°C, granules
Colour	white-blue
Odour	After ingredients used
pH (value)	ca 13,3 (1% solution at 20 °C)
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	not applicable (solid)
Evaporation rate	not determined
Flammability (solid, gas)	Non-flammable
Explosion limits of dust clouds	not determined
Vapour pressure	not determined
Density	not determined
Relative density	not determined
Solubility(ies)	Water solubility soluble
Partition coefficient n-octanol/water (log KOW)	not determined
Auto-ignition temperature	not determined
Viscosity	not applicable (solid)

Explosive properties not determined

Oxidizing properties not determined

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Data is not available.

Stability: The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of hazardous reactions: None expected under normal conditions of use and storage.

Conditions to avoid: Protect from naked flame, sparks, overheating, and frost.

Incompatible materials: Keep separate from strong acids, alkalis, and oxidizing agents in order to prevent the occurrence of hazardous exothermic reactions.

Hazardous decomposition products: None expected under normal conditions of use and storage. Hazardous products, such as carbon monoxide, carbon dioxide, smoke and nitrogen oxides, are formed at high temperatures and in fire.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of exposure: Skin and eye contact

Acute and Chronic effects of exposure: Causes severe skin burns and eye damage. Inhalation of dust may cause respiratory irritation. Ingestion is highly unlikely.

Numerical measures of toxicity:

Sodium Hydroxide:

LD₅₀ 140-340 mg/kg oral rat

LD₅₀ 1,350 mg/kg dermal rabbit

The product has been classified based on its ingredients (additivity formula).

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

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity: Harmful to aquatic life with long lasting effects in environment.

Persistence and biodegradability: The surfactants contained in the preparation correspond to the requirements of the European Communities on biodegradability of surfactants (648/2004 EC). The

surfactants contained in the preparation are in accordance with the biodegradation criterion according to EU Regulation 648/2004 on detergents. Data confirming this statement are available for competent institutions of the EU member states upon their direct request.

bioaccumulative potential: Not available

Mobility in soil: The product is soluble and mobile in soil and water. Possible contamination of watercourses due to rain.

Other adverse effects: Not available

SECTION 13 – DISPOSAL CONSIDERATIONS

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself. Please follow the relevant national or state and local requirements. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14 – TRANSPORTATION INFORMATION

UN number: UN 3262

UN proper shipping name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, SODIUM TRIOXOSILICATE)

Transport hazard class(es): 8

Packing group: II

Environmental hazards: Mixtur is not hazardous for the environment during the transport.

Special precautions for user: See Sections 4 - 8.

Transport in bulk according to Annex II of Marpol and the IBC Code: Not transported in bulk.

SECTION 15 – REGULATORY INFORMATION

TSCA: All ingredients appear on the TSCA inventory and are not subject to consent orders or significant new use rules.

CAA 112(r) TQ: None

SARA 302: Not listed

SARA 304: Not listed

SARA 311/12: Acute health

SARA 313: Not listed

CERCLA RQ: Sodium hydroxide 1,000 lb.

RCRA Code: None

SECTION 16 – OTHER INFORMATION

Date of revision: May 2, 2019

Revision: new

Disclaimer: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.