

<b>MB Tobula formulė</b> Address: Martišiūnų 3, Lithuania e-mail: info@smellslikepr.com Phone: +370 62146983	<h1 style="text-align: center;">SAFETY DATA SHEET</h1> <p style="text-align: center;">Chemical X</p> <p style="text-align: right;">SDS-A03</p>
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This industrial Safety Data Sheet is not intended for consumers and does not address consumer product use. For information regarding consumer application of this product, refer to the product label.

## **01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY /UNDERTAKING**

Product Identifier

**Product Name:** Chemical X

**CPNP Reference:** -

**CAS-No.:** Not Listed

**EC No:** N/A EINECS No. Not Listed

Relative identified uses of the substance or mixture and uses advised against Skin care product.

Details of the supplier of the safety data sheet MB Tobula formulė

**Address:** Martišiūnų 3, Lithuania

**Phone:** +370 62146983

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**Emergency Tel. No.**

+370 5 236 20 52

## **02. HAZARDS IDENTIFICATION**

**Classification of the substance or mixture (EC 1272/2008)**

Physical and Chemical Hazards: Not classified.

Human health Asp.: Acute toxicity (oral, dermal, inhalation)/category 4/; Eye irritation/category 2/

Environment: Not classified.

**Label Elements**

Label in accordance with (EC) No 1272/2008



GHS07

**Signal word:** Warning

**Hazard statements:**

Harmful if swallowed

Causes serious eye irritation

**Precautionary statements:**

If medical advice is needed, have product container or label at hand

Keep out of reach of children

Read label before use

Wash skin thoroughly after handling

Do not eat, drink or smoke when using this product

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If eye irritation persists get medical advice/attention.

**03. COMPOSITION/INFORMATION ON INGREDIENTS****Mixtures**

Name of substance:	Cas.No	EC
Sodium carbonate	497-19-8	207-838-8
Ammonium chloride	12125-02-9	235-186-4

#### **04. FIRST AID MEASURES**

Description of first aid measures

**After inhalation:** Loosen clothing as necessary and position individual in a comfortable position .Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Get medical assistance if cough or other symptoms appear.

**After skin contact:** Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

**After eye contact:** Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lens(es) if able to do so during rinsing. Seek medical attention if irritation persists or if concerned.

**After swallowing:** Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort or vomiting persists .Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed:** Irritation, Nausea, Headache, Shortness of breath.;

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

If seeking medical attention, provide SDS document to physician. Physician should treat symptomatically.

#### **05. FIRE-FIGHTING MEASURES**

**Extinguishing Media**

**Use as appropriate:** Carbon Dioxide (CO<sub>2</sub>), dry powder, foam or water fog, mist or spray. Do not use high pressure water jet as this may spread burning material.

Special hazards arising from the product Unusual Fire & Explosion Hazards Fire causes formation of toxic gases. Specific hazards

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

**Advice for firefighters**

No special measures required. In the event of fire, wear self-contained breathing apparatus.

#### **06. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

Ventilate to dispel any residual vapour. Clean-up personnel should use respiratory protection, gloves, goggles and protective clothing and footwear (see section 8).

**Environmental Precautions**

Do not allow spilt material to enter drains or water courses. Cover all drains and sewers. Avoid spreading spilled material.

Contain spillages with sand, earth or suitable inert absorbent material. Prevent further spillage if safe to do so. In the event of contamination of watercourses or sewers advise the Environment Agency, fire brigade and police.

### **Methods and material for containment and cleaning up**

Small spill: Absorb in vermiculite, sand, diatomaceous earth or other inert absorbent material. Place into clearly labeled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses. Maintain good occupational and personal hygiene. Large spill: Remove ignition sources. In case of disposal, see section No.13.

### **Reference to other sections**

Dispose contaminated material as waste according to item 13.

## **07. HANDLING AND STORAGE**

### **Precautions for safe handling**

Advice on safe handling: Eye wash facilities and emergency shower must be available when handling this product. Use only in well ventilated areas.

Avoid spilling, skin and eye contact. Do not breathe vapour or fumes.

Use suitable protective clothing (see section 8). Wash thoroughly after handling.

General hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities Storage: Keep away from all possible sources of ignition.**

Storage conditions: Store in tightly closed containers in segregated, cool, dry, ventilated storage.

### **Specific end use(s)**

No additional data available.

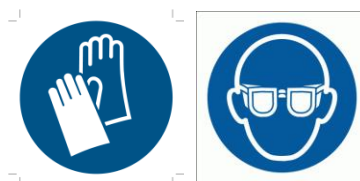
## **08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

, , OSHA PEL TWA (Total Dust) 15 mg/m<sup>3</sup> (50 mppcf\*)

, , ACGIH TLV TWA (inhalable particles) 10 mg/m<sup>3</sup>

### **Appropriate engineering controls**



Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

### **Individual protection measures/Personal protective equipment**

#### **Respiratory protection:**

Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary use NIOSH approved breathing equipment.

#### **Protection of skin:**

Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing

#### **Eye protection:**

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection.

#### **General hygienic measures:**

Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing.

### **09. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

Appearance:	White solid.
Colour:	White
Odour:	Strong odor - ammonia like
pH-value	5.0-5.5 (1-10%) aqueous solution
Relative Density:	1.5 @ 20°C
Flash Point, (°C):	No additional data available.
Refractive Index:	No additional data available.
Melting Point (°C):	58°C.
Boiling Point (°C):	No additional data available.
Vapour Pressure:	No additional data available.

Solubility in Water @20°C: Soluble.

Auto-ignition temperature (°C): No additional data available.

Other information

## **10. STABILITY AND REACTIVITY**

**Reactivity:** Nonreactive under normal conditions.

**Chemical stability:** Stable under normal conditions.

**Possible hazardous reactions:** None under normal processing Conditions to avoid:  
Incompatible Materials.

**Incompatible materials:** Strong acids. Strong bases. Oxidizing agents.

**Hazardous decomposition products:** Carbon oxides, nitrogen oxides (NO<sub>x</sub>).

## **11. TOXOLOGICAL INFORMATION**

**Acute Toxicity:** Not available for a complex mixture of different substances.

**Oral:**

**Ammonium chloride:**

LD50:1650 mg/kg (rat)

**Sodium carbonate:**

LD50:4090 mg/kg (rat)

**Inhalation:**

**Sodium carbonate:**

LC50:2300 mg/m<sup>3</sup> (Rat 2 h)

**Skin contact:**

**Sodium carbonate:**

LD50:2210 mg/kg (mouse)

**Ocular:**

**Ammonium chloride:**

Eyes – rabbit Result: Eye Irritation.

**Other Information:** No additional information.

**IARC:** No additional information.

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Not available for a complex mixture of different substances

#### **Ammonium chloride:**

LC50 – *Cyprinus carpio* (Carp) – 209.00 mg/l – 96 h

LC50 – *Oncorhynchus mykiss* (rainbow trout) – 3.98 mg/l – 96 h

NOEC – *Oncorhynchus mykiss* (rainbow trout) – 57 mg/l – 96 h

LC50 – *Daphnia magna* (Water flea) – 161 mg/l – 48 h

#### **Sodium Carbonate:**

LC50 – *L. macrochius* – 300 mg/l – 96 h

LC50 – *P. promelas* (various age groups) - 310-1220 mg/l – 96 h

**Persistence and degradability:** No additional data available.

**Bioaccumulative potential:** No additional data available.

**Mobility in soil:** No additional data available.

**Other adverse effects:** No additional data available.

## **13. DISPOSAL CONSIDERATIONS**

### **Waste disposal recommendations:**

Disposal methods:

Dispose of only in accordance with local, state, and federal regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

Waste:

Do not pour into drains or waterways. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or

company. Do not contaminate the ground or water with waste; do not dispose of waste into the environment.

Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

## **14. TRANSPORT INFORMATION**

### **UN-Number**

3077

**UN proper shipping name**

Environmentally hazardous substance, solid, n.o.s.

**Transport hazard class(es)****Class:**

9 Miscellaneous dangerous substances and articles

**Packing group: III**

**Environmental hazard:** No additional information.

**Transport in bulk:** No additional information.

**Special precautions for user:** No additional information.

**15. REGULATORY INFORMATION**

This Safety Data Sheet complies with Regulation (EC) No. 2015/830 requirements.

**Safety, health and environmental regulations/legislation specific for the substance or mixture:** No additional information available.

**Chemical safety assessment:** No additional information available.

**16. OTHER INFORMATION**

Abbreviations and acronyms:

SDS                Safety Data Sheet

CAS                Chemical Abstract Service