

SECTION 1 - IDENTIFICATION

Product identifier/Trade name: SUPER-NET LAUNDRY DETERGENT POWDER

Other means of identification: CCC SUNE

Recommended use: LAUNDRY DETERGENT IN POWDER FORM

Restriction on use: For industrial, institutional and food plants use only.

Initial supplier identifier: Chemotec (PM) Inc.
8820 Place Ray-Lawson
Anjou, Quebec, Canada H1J 1Z2
Phone: (514) 729-6321; 1-800-729-6321

Emergency phone number: (613) 996-6666 (CANUTEC)

SECTION 2 - HAZARDS IDENTIFICATION

2a WHMIS 2015 - GHS (Globally Harmonized System) classification

This product is classified as an eye irritant category 2.

2b Label elements



Pictogram

Precautionary statement

Wash hands thoroughly after handling. Wear eye protection.

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.

Signal word:

Warning.

Hazard statement

Causes serious eye irritation.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | CAS # | % (weight) | GHS CLASSIFICATION |
|------------------------------|------------|------------|--|
| Ethoxylated alcohol | 68991-48-0 | 0.1-1.0 | Eye irritation, category 2 |
| Sodium carbonate or Soda ash | 497-19-8 | 3-7 | Eye irritation, category 2 |
| Sodium metasilicate | 6834-92-0 | 1-2.5 | Eye irritation, category 2. Skin irritation category 2 Specific target organ toxicity (single exposure) category 3 |

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures

Eye contact:

Immediately rinse with plenty of water for several minutes, keeping eyelids open. If irritation persists, seek medical attention.

Skin contact:

Rinse with water. If irritation develops, consult medical personnel.

Inhalation:

Bring person to fresh air.

Ingestion:

Rinse mouth. Call a doctor if you feel unwell. Never give anything by mouth if the person is unconscious

4b Most important symptoms and effects

Eye: May cause irritation, redness, tears, burning sensation.

Skin: May cause irritation.

Inhalation: May cause irritation to respiratory tract.

Ingestion: May cause slight irritation, headache, abdominal pain, diarrhoea, nausea, and vomiting.

4c Immediate medical attention and special treatment needed.

No special treatment

SECTION 5 - FIRE FIGHTING MEASURES

5a Extinguishing media

Suitable extinguishing media:

Water (if possible, avoid powerful sprays), foam, dry chemicals, carbon dioxide. The product itself is not flammable.

Unsuitable extinguishing media:

None known.

Specific hazards for product

Hazardous combustion products:

Oxides of carbon and other irritating gases.

Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk. A stream of water directed into the product generates a lot of foam.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, protective equipment, and emergency procedures

Personal protection:

Wear gloves and safety glasses. Use adequate aeration and ventilation. The floor will be slippery in case of a spill. Use

appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Pick up product and put back in containers or into drums for disposal. Resume cleaning by rinsing with water.

Caution: floors will be slippery.

6c Environmental precautions:

Product is biodegradable and is phosphate-free.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for Safe handling:

Avoid contact with eyes and prolonged contact with skin. Avoid breathing dust.

7b Condition for safe storage:

Store in a sealed container in a well-ventilated place. Do not store food products.

7c Special packaging materials: none.

Avoid contact with strong acids.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

| | Ontario Time-weighted Average Limit (TWA) | Ontario Short-Term Exposure Limit (STEL) | Notations |
|---------------------|---|--|-----------|
| Ethoxylated alcohol | None established | None established | |
| Sodium carbonate | None established | None established | |
| Sodium metasilicate | None established | None established | |

8b Engineering controls:

Not required under normal applications.

8c Individual protection measures

Respiratory Protection:

Not required under normal applications. If dust is generated during use, wear mask for dust.

Skin protection and other protective equipment:

Waterproof boots for large spills. Rubber gloves in case of possible contact.

Eye / face protection:

Not required under normal applications. Safety glasses in case of possible contact.

General hygiene considerations:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes and skin. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|----------------------------|
| Physical state | White powder |
| Colour | White |
| Odour | Lemon scent |
| Melting point and freezing point | N/A |
| Boiling point: | N/A |
| Flammability | N/A |
| Lower and upper flammability limit | N/A |
| Flash point | N/A |
| Auto-ignition temperature | N/A |
| Decomposition temperature | N/A |
| pH | Approximately 12 at 30 g/L |
| Viscosity: | N/A |
| Solubility in water: | High soluble |
| Partition coefficient – n-octanol/water | N/A |
| Vapour pressure (mm Hg) | N/A |
| Specific gravity or density (water = 1 at 4 °C): | N/A |
| Relative vapour density | N/A |
| Particle characteristics | N/A |

SECTION 10 - STABILITY AND REACTIVITY

10a Reactivity:

Not applicable when used as directed.

10b Chemical stability :

Stable at room temperature, in normal handling and storage conditions.

10c Possibility of hazardous reactions:

May react with strong acids.

10d Conditions to avoid:

Avoid contact with strong acids.

10e Incompatible materials

Strong acids

10f Hazardous decomposition products:

With strong acids: heat, water vapor.

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye and ingestion.

Eye: May cause irritation, redness, tears, burning sensation.

Skin: May cause irritation.

Inhalation: Breathing dust may cause irritation of respiratory tract.

Ingestion: May cause slight irritation, headache, abdominal pain, diarrhoea, nausea and vomiting.

Carcinogenicity:

No ingredient listed by IARC as a possible carcinogen.

Teratogenicity, mutagenicity, other reproductive effects:

Mutagenic tests have been negative for ingredients

Skin sensitization:

Ingredients not sensitizing as per OECD 406

Respiratory tract sensitization:

Not available

Synergistic materials:
Other important hazards:

Not available
 Not available

Toxicological data: The calculated LD₅₀ for this product is greater than 10,000 mg/Kg, oral, rat; our products are not tested on animals.

| Ingredient | LD ₅₀ (route, species) | LC ₅₀ # hours (species) |
|---------------------|---|------------------------------------|
| Sodium carbonate | 4,090 mg/kg (oral, rat) 2,210 mg/kg (dermal, lapin) | N/Av |
| Ethoxylated alcohol | >2,000 mg/kg (oral, rat) >2,000 mg/kg (dermal, rabbit) | N/Av N/Av |
| Sodium metasilicate | 1,153 mg/kg (oral, rat) | N/Av |

For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12a Ecotoxicity :

| TOXICITY (Fish) | Results | Exposure time | Method |
|---------------------|------------------------------|---------------|---------------|
| Ethoxylated alcohol | 70.1 mg/kg | 48H | Not available |
| Sodium carbonate | Trout and salmon: 68-80 mg/L | 96H | Not available |
| Sodium metasilicate | Leuciscus idus: >146 mg/L | 48H | Not available |

| TOXICITY (Daphnia) | Results | Exposure time | Method |
|---------------------|-----------|---------------|---------------|
| Ethoxylated alcohol | 5.3 mg/L | 48H | Not available |
| Sodium carbonate | >146mg/L | 24H | OCDE 202 |
| Sodium metasilicate | >300 mg/L | 48H | Not available |

| TOXICITY (Algae) | Results | Exposure time | Method |
|---------------------|--|---------------|---------------|
| Ethoxylated alcohol | NOT AVAILABLE | | |
| Sodium carbonate | Selenastrum EC50 230 mg/L | 96H | Not available |
| Sodium metasilicate | Desmodesmus subspicatus EC50 207 mg/l | 72H | Not available |

12b Persistence and degradability: Product is expected to be readily biodegradable as per OECD 301.

12c Bioaccumulation potential: Not available

12d Mobility in soil: There is no test data on this product.

12e Other adverse effect No applicable information found

SECTION 13 - DISPOSAL CONSIDERATIONS

Eliminate according to federal, provincial and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous Goods (TDG) in Canada :

Not regulated
 UN number

Not applicable

| | |
|------------------------|----------------|
| Proper shipping name: | Not applicable |
| Class: | Not applicable |
| Identification number: | Not applicable |
| Packing group: | Not applicable |
| Special case: | Not applicable |

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and this safety data sheet (SDS) contain all the information required by the HPR.

WHMIS Classification: See section 2a

CEPA information: Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision: 2023-06-13

References:

1. Manufacturer'/suppliers' MSDS.
2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

Abbreviations:

| | |
|-------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CEPA | Canadian Environmental Protection Act |
| cps | Centipoises |
| DSL | Domestic Substance List |
| HMIS | Hazardous Material Information System |
| IARC | International Agency for Research on Cancer |
| LC | Lethal concentration |
| LD | Lethal Dosage |
| N/Av | Not available |
| N/Ap | Not Applicable |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program (U.S.A.) |
| OSHA | Occupational Safety and Health Administration (U.S.A.) |
| PEL | Permissible Exposure Limit |
| TLV | Threshold Limit Value |
| WHMIS | Workplace Hazardous Materials Information System |

End of the MSDS