

## 1. IDENTIFICATION AND USE OF THE PRODUCT AND SUPPLIER

PRODUCT NAME Double action  
 USAGE: Alkaline Concentrated Laundry Room Cleaner Powder

Maker **LIBERCHEM**   
 LIBERCHEM Inc.  
 572 Avenue Orly, Dorval  
 Quebec, Canada  
 H9P 1E9  
 Tel: 514 631-7177

EMERGENCY PHONE Poison Control Centre (Quebec): 1 (800) 663-5060  
 CANUTEC: (613) 996-6666

## 2. IDENTIFICATION OF HAZARDS

### • Risk classification of the substance - Hazard statement

#### Hazard statement

Skin corrosion, causes severe eye damage, causes skin burns. Harmful if swallowed. Inhalation: May cause irritation of the respiratory tract.  
 H302 – Harmful if swallowed, H318 – Causes eye damage, H315 – Causes skin irritation, H272 – May intensify fire; oxidant

### • Labeling Element

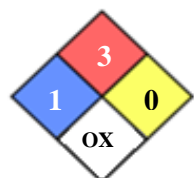


GH305 GHS07

### • Precautionary Advice

If medical advice is required; Alternate the available container or label.  
 Keep out of reach of children  
 Read the label before use  
 Do not eat, drink, or smoke while handling this product. Wash after handling the product.  
 Do not breathe in dust or spray fumes.  
 Skin contact (hair): Remove soiled clothing immediately, rinse thoroughly in the shower  
 Contact with eyes: Rinse carefully with water for several minutes, remove contact lenses if present and easy to remove, continue rinsing  
 Dispose of container contents in accordance with national, international, regional and local regulations.

NFPA Classification System - scale (0-4)



Santé =3  
 Inflammability = 2  
 Instability: 1

HMIS - echelle (0-4)

HEALTH	3
FIRE	2
REACTIVITY	1

## 3. COMPOSITION / COMPONENT INFORMATION

### HAZARDOUS INGREDIENTS

Chemical Name: Mixtures

Description: Mixture of the substances listed below with non-hazardous additions

497-19-8	Sodium carbonate	30 – 60 %
25155-30-0	Dodecylbenzenesulfonate de sodium	5 – 10%
51580-86-0	Triclosan sodium	20 – 30%

## 4. FIRST AID

INHALATION: Bring the victim to fresh air. If the victim is unconscious, place him on his side before transporting him. Getting medical attention  
 SKIN: Wash immediately and thoroughly with water or in the shower; Use mild soap, wash clothes before reuse. Getting medical attention  
 EYES: Rinse immediately with plenty of water, keeping the eyelids open. Remove contact lenses if the victim wears them and if they can be easily removed. Continue rinsing.  
 Seek medical attention immediately .  
 INGESTION: DO NOT INDUCE VOMITING, Do not make an unconscious person swallow. Rinse your mouth with water. Seek medical attention immediately.

- Most significant symptoms and effects (acute and delayed): (Refer to section 11) -No other important information available
- Immediate medical management or special treatment, if applicable: No other important information available

Product code: 150030

## 5. FIRE-FIGHTING MEASURES

- **EXTINGUISHING MEANS:** Use appropriate means to extinguish fire, Carbon dioxide (CO<sub>2</sub>), powder, chemical foam.
- **INAPPROPRIATE EXTINGUISHING AGENTS:** No other important information available.
- **SPECIFIC HAZARDS OF THE HAZARDOUS PRODUCT OR MIXTURE:** This substance is irritating to the eyes
- **SPECIAL PROTECTIVE EQUIPMENT AND SPECIAL PRECAUTIONS FOR FIREFIGHTERS:** Use personal protective equipment.

## 6. MEASURES IN THE EVENT OF AN ACCIDENTAL SPILL

- **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Wear protective equipment, avoid inhalation, keep unprotected persons away from the spill site and upstream of winds (Refer to Section 8 for personal protection) and Section 13 for product disposal data.
- **METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING:** Clean and place with shovels in a suitable container for disposal, Use adequate ventilation. (Refer to section 13 for product disposal).

## 7. HANDLING AND STORAGE

- **PRECAUTIONS FOR SAFE HANDLING:** Do not breathe dust, the workplace must be well ventilated to prevent the formation of vapours.
- **INCOMPATIBLE STORAGE AND EQUIPMENT SAFETY CONDITIONS:** Store in a well-ventilated area. Avoid excessive heat, strong acids, keep containers tightly closed and labeled.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- **Personal protective measures:**  
Hygiene measures: After handling chemicals, wash your hands, forearms and face thoroughly before eating, smoking, using the toilet and after your work is done. Use proper techniques to remove contaminated clothing. Wash contaminated clothing before reuse. Ensure that eyewash stations and decontamination showers are installed near workstations.
- **APPROPRIATE ENGINEERING MEASURES:**  
Ensure adequate ventilation, especially in enclosed areas. Use closed procedures, local exhaust ventilation, or any other  
Another technical means of control to keep the levels of suspended substances below exposure limits. Emergency eyewash stations and showers must be available in the workplace while handling this product.
- **PERSONAL PROTECTIVE MEASURES:**

GLOVES: Waterproof gloves



EYES: Protective eyewear



RESPIRATORY: Cartridge mask as needed

OTHER: Protective clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White powder
SMELL	Chlorine
OLFACTORY SMELL	Light
ph	Not applicable
MELTING POINT	Not available
POINT OF EBULLITION	Not available
FLASH POINT	Not available
EVAPORATION RATE	Not available
FLAMMABILITY (Solid, Gas)	Not applicable
LOWER FLAMMABILITY LIMITS	Not available
UPPER FLAMMABILITY LIMITS	Not available
VAPOUR PRESSURE (20 °C)	Not available
DENSITY (20 °C)	N/A
WATER SOLUBILITY	Complete
STEAM DENSITY	Not available
PARTITION COEFFICIENT (n-octanol/water)	Not available
TEMPERATURE DE DECOMPOSITION	Not available
VISCOSITY	N/A

## 10. STABILITY. AND RESPONSIVENESS

- **RESPONSIVENESS**
- **CHEMICAL STABILITY** Stable under normal conditions
- **RISK OF DANGEROUS REACTIONS** Chlorinated gas if mixed with acid or ammonium.

**Product code: 150030**

# Safety data sheet

- CONDITIONS TO AVOID No other important information available
- INCOMPATIBLE MATERIALS No other important information available.
- HAZARDOUS DECOMPOSITION PRODUCTS nitrogen oxides, sulphur oxides, carbon oxides, etc.

## 11. TOXICOLOGICAL DATA

- INFORMATION ON TOXIC EFFECTS,  
Acute toxicity:

497-19-8 Sodium Carbonate	
Oral (LD50)	4090 mg/kg (rat)
2893-78-9 Triclosan Sodium	
Oral (LD50)	2400 mg/kg (rat)

HEALTH EFFECTS	Causes irritation to the respiratory tract, accompanied by a burning sensation in the nose and throat, Skin contact causes skin burns. Contact with the eyes causes serious eye damage.
CHRONICLE EXHIBITION	Data not available
CARCINOGENICITY	Data not available.
MUTAGENICITY	Data not available
TERATOGENICITY	Data not available

## 12. ECOLOGICAL DATA

ECOTOXICOLOGY L	a Potential for large or frequent spills to have a harmful or harmful effect on the environment. Due to the high pH of this product, it can be expected to produce significant ecotoxicity if exposed to aquatic organisms and systems Toxicity to fish: 96 h LC 50 4.6 mg/l, daphnia and other aquatic invertebrates' sodium hydroxide 48 h EC50: 40 mg/l
PERSISTENCE AND DEGRADATION	Data not available
POTENTIAL FOR BIOACCUMULATION	Data not available
MOBILITY IN SOIL	Data not available
OTHER ADVERSE EFFECTS	Data not available

## 13. PRODUCT DISPOSAL DATA

Dispose of this product and its container at a hazardous or special waste collection centre. Do not allow the substance to seep into sewers/water supply lines. Destroy in accordance with all applicable regulations

WASTE RESIDUES / UNUSED PRODUCTS Dispose of in accordance with all local, provincial and federal regulations.

## 14. TRANSPORTATION INFORMATION

Number one UN1479  
TMD, DOT, IMDG, IATA  
Legal designation for transport Oxidizing solid N.S. Has

Transport hazard class



Class: **5.1** oxidizing substance  
Label :**5.1**

Packing Group

**II**

Environmental hazards

The product contains environmentally hazardous materials

## 15. REGULATORY INFORMATION

Product As Sold  
WHMIS Classification 5.1 Oxidizing Substance

The components of this product are listed in the following inventories

- **Canadian Domestic Substances List (DSL):** All components of this product are listed on the Canadian Domestic Substances List (DSL).
- **U.S. TSCA Inventory:** In the TSCA Inventory

Date of Issue 18/04/2025  
Version 2.0  
Prepared by Regulatory Affairs Department.

We have characterized the general risks of the product according to *the USE WE RECOMMEND FOR THIS PRODUCT*.

Any use that does not conform to our recommendations may affect the risk characterization.

This MSDS contains health and safety information. The product is to be used in applications that are consistent with our product documentation. Anyone handling this product should be informed of the precautions to be taken with respect to the product and should have access to this information. For all other uses, exposures must be assessed to allow for the implementation of handling practices and training programs that can ensure safety in the workplace. For more information, please speak to your technical representative.

DISCLAIMER: The above information is based on data believed to be accurate. No warranty, express or implied, is based with respect to this data or information. It is the user's responsibility to determine whether the product is suitable for the intended conditions of use.