

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

PRODUCT NAME  
USAGE:

**M-200**  
Powerful dishwashing detergent

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

- Eye irritation: Category 2B
- Skin sensitivity: Category 1

### • Labeling Element



Toxic materials with other effects  
May cause skin allergy  
Causes eye irritation.

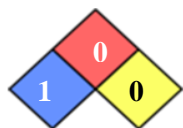
### • Precautionary Advice

- Skin sensitivity
- Skin irritation,

The mixture consists of ingredients of unknown toxicity.

Dispose of container contents in accordance with national, international, regional and local regulations.

NFPA Classification System - scale (0-4)



Santé = 1  
Inflammabilité = 0  
Instabilité : 0

HMIS - échelle (0-4)

HEALTH	1
FLAMMABILITY	0
PHYSICAL DANGER	0

## 3. COMPOSITION / COMPONENT INFORMATION

### HAZARDOUS INGREDIENTS

Chemical Name: Mixtures

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

25155-30-0/ 68891-38-3	Mixture	1 – 5%
1310-73-2	Sodium hydroxide	1 – 5%

## 4. FIRST AID

INHALATION : Bring the victim to fresh air. If the victim is unconscious, place him on the side before transporting him. Getting medical attention  
SKIN Rinse skin immediately and thoroughly under running water with a mild, non-abrasive soap. If irritation persists, seek medical attention  
EYES In case of contact with eyes, rinse immediately with plenty of water. If irritation persists, seek medical attention  
INGESTION : DO NOT INDUCE VOMITING. If the person is conscious, make them drink water. Getting medical attention

- Most significant symptoms and effects (acute and delayed): (Refer to section 11) -No other important information available

## 5. FIRE-FIGHTING MEASURES

- MEANS OF EXTINGUISHING: Use means appropriate to local conditions and the immediate environment.
- INAPPROPRIATE EXTINGUISHING AGENTS: No other important information available.
- HAZARD SPECIFIC OF HAZARDOUS PRODUCT OR MIXTURE: Non-flammable or combustible
- 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 MEASURES: Wear protective equipment, keep unprotected people away. (Refer to section 8 for personal protection). And section 13 for product disposal data.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING: Using absorbent materials such as sand, vermiculite, universal absorbents, sawdust, etc. Use adequate ventilation. (Refer to section 13 for product disposal).

## 7. HANDLING AND STORAGE

- SAFE HANDLING PRECAUTIONS: The workplace must be well ventilated to prevent the formation of vapours. CAREFUL! Risk of causing eye and skin irritation. Prevent contact with eyes, skin, and clothing. Wear recommended protective equipment. Keep containers tightly closed when not in use. Wash hands after handling the product.
- INCOMPATIBLE STORAGE AND EQUIPMENT SAFETY CONDITIONS: Keep out of reach of children in appropriate, properly labelled containers

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- CONTROL PARAMETERS,

### COMPONENTS WITH OCCUPATIONAL EXPOSURE LIMIT VALUES

1310-73-2 Sodium Hydroxide

TWA 2 mg/m<sup>3</sup>

- APPROPRIATE ENGINEERING MEASURES: Ensure adequate ventilation, especially in enclosed areas. Local exhaust ventilation, or any other technical means of control to keep 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

PROTECTION: Boots to the needs

OTHER: Protective clothing



## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Yellow liquid
SMELL	Pleasant fragrance
OLFACTORY SMELL	Not available
pH	8.0 – 10.0
MELTING POINT	Not available
POINT OF EBULITION	>100°C.
FLASH POINT	Not applicable
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)	0.900 – 1.000
WATER SOLUBILITY	Complete
STEAM DENSITY	Not available
PARTITION COEFFICIENT (n-octanol/water)	Not available
TEMPERATURE DE DECOMPOSITION	Not available
VISCOSITY (Brookfield)	Not available

## 10. STABILITY. AND RESPONSIVENESS

- RESPONSIVENESS
- CHEMICAL STABILITY Stable under normal conditions
- RISK OF DANGEROUS REACTIONS No known hazardous reactions under normal use.
- CONDITIONS TO AVOID No other important information available
- INCOMPATIBLE MATERIALS Acids.
- HAZARDOUS DECOMPOSITION PRODUCTS Carbon oxides, sulphur oxide, phosphorus oxide.

## 11. TOXICOLOGICAL DATA

- INFORMATION ON TOXIC EFFECTS,

HEALTH EFFECTS Contact with eyes, contact with skin.

CHRONICLE EXHIBITION No known symptoms

Product code: 105125

# Safety data sheet

CARCINOGENICITY	Data not available.
MUTAGENICITY	Data not available
TERATOGENICITY	Data not available
Acute dermal toxicity	LD50 Rat > 2000 mg/kg.

## 12. ECOLOGICAL DATA

ECOTOXICOLOGY	Effects on the environment: Harmful to aquatic organisms 96 h LC 50 1.67 mg/l
PERSISTENCE AND DEGRADATION	Biodegradable
POTENTIAL FOR BIOACCUMULATION/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.
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## 14. TRANSPORTATION INFORMATION

Number one TMD, DOT, IMDG, IATA	Unregulated
Legal designation for transport	Unregulated
Transport hazard class	Non-Dangerous Goods
Packing Group	Unregulated
Environmental hazards	No

## 15. REGULATORY INFORMATION

Product As Sold	
WHMIS Classification	Unregulated

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

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Version	0.0
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.