

1. IDENTIFICATION OF USE PRODUCT AND COMPANY

PRODUCT NAME
USE :

IODET
Detergent

Fabricant



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

EMERGENCY PHONE

Poison Control Center (Quebec): 1 (800) 663-5060
CANUTEC: (613) 996-6666

2. HAZARD(S) IDENTIFICATION

• Hazard Classification of the substance or mixture -



GHS05 CORROSION

Hazard Statement

May cause fire. Keep container tightly closed in a dry, clear of impurities, alkalis, flammable substances.
Causes serious eye damage. Causes severe burns to the skin.
Harmful if swallowed. Causes burns of the digestive system.
May cause irritation of the nose, throat and lungs

• Label elements



Phosphoric Acid

Caution Requirement:

If medical advice is needed; have container or label available.

Keep out of reach of children

Read the label before use

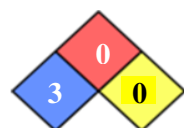
Avoid breathing spray mist.

Skin contact (hair): Remove contaminated clothing immediately, rinse with water in the shower

Eye Contact: Rinse cautiously with water for several minutes, Remove contact lenses if present and easy to remove, continue flushing

Remove the contents of the containers according to national regulations, international, regional and local.

Classification system according to NFPA - Scale (0-4)



Health = 3
Fire = 0
Reactivity: 0

HMIS - scale (0-4)

HEALTH	3
FIRE	0
REACTIVITY	0

3. COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Characteristic: Mixtures

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

N CAS		
11096-42-7	Complex Surfactant Iodine	15 – 30 %
7664-38-2	Phosphoric Acid	5 – 10 %
64-19-7	Acetic Acid	5 – 15%

4. FIRST-AID MEASURES

INHALATION: Remove victim to fresh air, if the victim is unconscious, place on the front side of the transported. Get medical attention

SKIN: Rinse with water. Remove contaminated shoes and clothing. If irritation occurs and if it persists, seek medical attention.

EYES: Flush eyes with clean running water. If irritation occurs, seek medical attention.

INGESTION: Do not induce vomiting, do not mouth to an unconscious person. If conscious wash out bouche et make it take much water. Consult a doctor immediately.

- Symptoms and most important effects (acute and delayed): (See Section 11) -No other relevant information available.

Code product: 104835

Safety Data Sheet

- Getting immediate medical attention and special treatment, if any: If swallowed, gastric lavage with a soluble protein or starch solution will eliminate iodine in the stomach. Subsequent treatment may be to correct the imbalance between the electrolyte and fluid.

5. FIRE-FIGHTING MEASURES

- MEANS OF EXTINCTION: Use appropriate means to extinguish the fire: Carbon dioxide (CO₂), chemical foam.
- FIRE EXTINCTIONS INAPPROPRIATE: Not available
- SPECIFIC HAZARDS PRODUCT OR DANGEROUS MIX: Not flammable or combustible
- HAZARDOUS COMBUSTION: The decomposition products may include carbon monoxide.
- SPECIAL PROTECTION EQUIPMENT AND SPECIAL PRECAUTIONS FOR FIREFIGHTERS: Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY MEASURES: Wear protective equipment, remove away unprotected persons. Do not touch damaged containers persons or spilled products (Refer to section 8 for personal protection). and section 13 for data on disposal.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING: Using non-combustible absorbent materials such as sand, vermiculite, universal absorbent, sawdust, Use with adequate ventilation. (Refer to section 13 for disposal of the product).

7. HANDLING AND STORAGE

- SAFETY PRECAUTIONS IN HANDLING: The workplace should be well ventilated to prevent vapor formation
- CONDITIONS SECURITY OF STORAGE AND INCOMPATIBLE MATERIALS: Avoid heat, chlorine products or products containing chloride
- STORAGE TEMPERATURE: 0°C à 40 °C

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

General measures: Keep away from food and beverages. Remove contaminated clothing immediately. Do not inhale gas fumes. Avoid contact with the skin.

- CONTROL PARAMETERS,

COMPONENTS WITH LIMIT VALUES FOR OCCUPATIONAL EXPOSURE	
7697-38-2	Phosphoric Acid
ACGIH-TLV	1 ppm
OSHA PEL	3 mg/ m ³
64-19-7	Acetic Acid
VME	25 mg / m ³ , 10 ppm

ENGINEERING MEASURES SUITABLE: Ensure adequate ventilation, especially in confined areas. Use process enclosures, local exhaust ventilation, or other engineering controls to control the levels of suspended substances to below the exposure limits. Eyewash and emergency shower must be available at the workplace for handling this product.

- PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Impervious gloves



EYES: Safety goggles



RESPIRATORY: Respirator if needed



OTHER: Protective clothing



9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Brown Dark Liquid
ODOR	Vinegar
OLFACTIF ODOR	Not available
pH (20 °C- 68 °F)	2.5
MELTING POINT	Not available
BOILING POINT	>100 °C.
FLASH POINT	Not available
EVAPORATION RATE	Not available
FIRE (Solid, gaseous)	Non applicable
LOWER FLAMMABLE LIMITS	Not available
UPPER FLAMMABLE LIMITS	Not available
VAPOR TENSION (20 °C)	Not available
DENSITY (20 °C)	1.05
SOLUBILITY IN WATER	Complete
VAPOR DENSITY	Not available
COEFFICIENT (n-octanol/water)	Not available
DECOMPOSITION TEMPERATURE	Not available

Code product: 104835

VISCOSITY

Not available

10. STABILITY AND REACTIVITY

- CHEMICAL STABILITY Stable under normal condition.
- RISK DANGEROUS REACTIONS Caution, do not mix with chlorinated product
- CONDITIONS TO AVOID No further relevant information available
- INCOMPATIBLE MATERIALS Base, several metals.
- HAZARDOUS DECOMPOSITION Iodine vapor, carbon monoxide

11. TOXICOLOGICAL INFORMATION

- INFORMATION ON TOXICOLOGICAL EFFECTS:

Acute toxicity:

7664-38-9	Phosphoric acid (1 – 5%)
Oral (LD50)	> 2,000 mg/kg (rat)
64-19-7	Acetic acid (1 – 5%)
Oral (LD50)	> 3310 mg/kg (rat)

HEALTH EFFECTS

Eyes	Causes serious eye damage.
Skin	Causes severe burns to the skin.
Ingestion	Causes burns of the digestive system.
Inhalation	May cause irritation of nose, throat and respiratory tract.
EXPOSITION CHRONIQUES	No health risks are known or foreseeable under normal conditions of use.
CANCEROGÉNÉCITY	No component of this product is identified as a probable carcinogen, possible or confirmed human by IARC.
MUTAGENICITY	No available Data
TERATOGENICITY	No available Data

12. ECOLOGICAL INFORMATION

TOXICITY	Harmful to aquatic organisms
PERSISTENCE AND DEGRADABILITY	Not Available
BIOACCUMULATIVE POTENTIAL	This product is not considered bio accumulative
MOBILITY IN SOIL	Not Available
Toxicity to fish	: nitric acid 96 h CL50: 72 mg/l Phosphoric acid 96 h CL50: 75.1 mg/l

13. DISPOSAL CONSIDÉRATIONS

Dispose of this material and its container at hazardous or special waste collection point. Do not allow this material to drain into sewers / pipes, water supply. Dispose in accordance with all applicable regulations

WASTE AND WASTE / UNUSED Dispose in accordance with all local, state and federal

14. TRANSPORT INFORMATION

UN NUMBER UN1760
TMD, DOT, IMDG, IATA
UN PROPER SHIPPING NAME CORROSIVE LIQUID, N.O. S

TRANSPORT HAZARD CLASS(ES)



Class: 5.1/8 corrosive
Etiquette : 5.1 - 8

Packaging group

II

ENVIRONMENTAL HAZARDS

None

15. REGULATORY INFORMATION

DRUG IDENTIFICATION NUMBER (DIN): 02454521

PRODUCT AS SOLD
WHMIS CLASSIFICATION

E Corrosive

Code product: 104835

The components of this product are on the following inventories:

- **Canadian Domestic Substances List (DSL)** : All components of this product are on the Domestic Substances List (DSL) Canada.
- **Inventory of US TSCA**: On TSCA inventory

16. OTHER INFORMATION

Date of issue	08/04/2025
Version	4.0
Prepared by	Regulatory Affairs

We characterized the general risks of the product depending on the USE THAT WE RECOMMEND FOR THIS PRODUCT .

Any use not in accordance with our recommendations may affect the risk characterization.

This fact sheet provides information on health and safety. The product must be used in applications consistent with our product literature. Anyone using this product should be informed of the precautions of the product and should have access to this information. For all other uses, exposures should be evaluated in order to allow the appropriate handling practices and training program that will ensure safety in the workplace. For more information, please contact your local sales representative.

DISCLAIMER OF RESPONSABILITY: The above information is based on data considered accurate. No warranty, express or implied is based in relation to this data or information. User is responsible for determining whether the product is suitable for conditions of use.