



CHEMISPHERE inc.

SAFETY DATA SHEET

01 - IDENTIFICATION

MATERIAL NAME

BACTI-800

Use: General cleaner and surface deodorizer, industrial concentrate.

Manufacturer: CHEMISPHERE INC.
Address : 5778 CYPIHOT
City :St-Laurent Prov: Qc. Postal Code: H4S 1Y5
Tel: 514 339-7779 Fax:514 331-2276
EMERGENCY TELEPHONE NUMBER , MON-FRI 9:00-17:00 : 514-339-7779

02 - HAZARD IDENTIFICATION

GHS (WHMIS 2015) CLASSIFICATION:

ACUTE TOXICITY ORAL - CATEGORY 5
SKIN IRRITATION - CATEGORY 2
EYE IRRITATION - CATEGORY 2

GHS PICTOGRAM:



SIGNAL WORD: WARNING

HAZARD STATEMENTS:

H303 May be harmful if swallowed.
H319 Causes serious eye irritation.
H315+H320 Causes skin and eye irritation.

PRECAUTIONARY STATEMENTS (PREVENTION):

P264 Wash exposed skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

PRECAUTIONARY STATEMENTS (RESPONSE):

P312 Call a POISON CENTER or doctor/ if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P337+P313 IF eye irritation persists: Get medical advice/attention.
P302+P352 IF ON SKIN: wash with plenty of water.
P321 Specific treatment (see on this label).
P332+P313 IF SKIN irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

PRECAUTIONARY STATEMENTS (STORAGE AND DISPOSAL):

P501 Dispose of contents/container in accordance with municipal/ provincial/federal regulations.

03 - COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Conc. | CAS# | LD50 (species/route) | LC50 (species/route) |
|-----------------------|---------------|------------|--|----------------------|
| Benzalkonium chloride | 1-5% | 68424-85-1 | 344 mg/kg (oral-rat) 3340 mg/kg (dermal/rabbit) | N/AV |
| Sodium carbonate | 1-5% | 497-19-8 | 4090 mg/kg (oral-rat) | N/AV |
| Sodium citrate | not-regulated | | | |

All other ingredients do not constitute a hazard under GHS regulations.

04 - FIRST AID MEASURES

| | |
|------------|--|
| EYES: | Wash with plenty of water for 15 minutes. Raise or lower both eyelids to insure thorough washing. If irritation persists, GET MEDICAL ATTENTION. |
| SKIN: | Wash with plenty of water. Remove contaminated clothing. Wash prior to reuse. In case of skin irritation consult a physician. |
| INGESTION: | If patient is conscious, give plenty of water. If patient is unconscious, do not induce vomiting or give any food or drink by mouth. Remove person to a comfortable area and keep person warm. SEEK MEDICAL ATTENTION. |

05 - FIRE FIGHTING MEASURES

| | |
|----------------------------------|--|
| Flammability (Y/N): | Non flammable |
| If yes, under what conditions: | |
| Means of extinction (procedure): | Chemical foam, CO2, Chemical powder. |
| Flash point (Method) 0C : | N/AP |
| Auto ignition temperature 0C : | N/AP |
| Upper explosion limit (% vol) : | N/AV |
| Lower explosion limit (% vol) : | N/AV |
| Hazardous combustion products: | Thermal decomposition may produce toxic vapours of organic chlorides, ammonia, oxides (COx, NOx) |

06 - ACCIDENTAL RELEASE MEASURES

See Sect. 2 & 8 for precautions. Maintain good personal hygiene.

For minute spills, rinse area with water.

For small spills, or to absorb residue, use an inert absorbent material (paper, clay, sand) and remove to non-leaking suitable containers. Flush area with water to remove trace residue.

Large Spills:

Stop leak, only if it is safe to do so. Dike and contain

land spills. Contain water spills by booming. Contain run-off and prevent from entering into waterways. For large spills remove by mechanical means and place in suitable container. Wash affected area with water.

Floors may be slippery after washing. Notify environmental authorities for large spills.

07 - HANDLING AND STORAGE

Handling procedures and equipment: See Sect. 2 & 8 for hazards and precautions. Empty product containers may contain residue and label warnings must be adhered to even when container is empty. Do not re-use containers to store food or potable water.

Storage requirements: Store in a cool, dry, well-ventilated area away from all incompatibles. Avoid damage to containers. Keep container closed when not in use.

08 - EXPOSURE CONTROLS / PERSONAL PROTECTION

GLOVES: Household rubber or neoprene gloves are preferred when handling large quantities.

EYES: Safety glasses preferred when handling large quantities or when splashing may occur.

RESPIRATORY PROTECTION: None needed in well-ventilated areas. Where there is poor ventilation and when handling large quantities, approved NIOSH respirator mask with cartridge for organic solvent.

PROTECTIVE CLOTHING: None needed. Impervious clothing recommended for handling large quantities where splashing may occur.

ENGINEERING CONTROLS (enclosed process, mechanical, etc.): Adequate ventilation. Potable eye wash station.

09 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|------------------------------------|
| Physical state and appearance: | clear amber liquid |
| Odor : | Characteristic odor with fragrance |
| pH : | 11.4 pH solution 1:128 = 10.4 |
| Melting point/ Freezing point °C: | N/AV (approx. 0) |
| Initial Boiling point and boiling range EC | N/AV (approx. 100) |
| Flash point EC | N/AP |
| flammability in the case of solids and gases | N/AP |
| upper and lower flammability or explosive limits | N/AV |
| Vapor pressure: | N/AV |
| Vapor density: | N/AV |
| Relative density : | 1.024/- 0.01 |

| | |
|--|---------|
| Evaporation rate : | ~water |
| Boiling point °C : | ~ 100 |
| Solubility in water: | Soluble |
| Partition coefficient - n-octanol/water: | N/AV |
| Auto-ignition temperature: | N/AV |
| Decomposition temperature: | N/AV |
| Viscosity : | ~water |

10 - STABILITY AND REACTIVITY

Chemical stability : (Y/N) Yes

If no, under what conditions :

INCOMPATIBILITY WITH OTHER SUBSTANCES (Y/N): Yes.

If so, which ones ? : Acids, Bleach, Strong oxidizing and reducing agents.

And under what conditions ? : Contact

Hazardous decomposition products : CO₂, ammonia.

11 - TOXICOLOGICAL INFORMATION

LD 50 OF MATERIAL (define animal species and route). 2,000mg/kg>ATE Mix >5,000 mg/Kg (rat/oral)
ATE Mix> 2,000 mg/kg (dermal/rabbit)

LC 50 OF MATERIAL (define animal species and route). N/AV

Epidemiology:

No particular data available. Compounds can be harmful in case of ingestion.

Mixture has not been tested, but does not contain any ingredients known to be classified for the following:
Skin Sensitizer, Germ Cell Mutagenicity, Teratogenicity, Carcinogenicity, Reproductive Toxicity, Aspiration
Hazard or Specific Target Organ Toxicity- Single Exposure / Repeated Exposure.

Health Hazards Not Otherwise Classified: No data available. It is generally known that pregnant and lactating women should avoid prolonged or repeated exposure to most chemical solvents.

EFFECTS OF ACUTE EXPOSURE:

SKIN: May cause skin defatting on prolonged and repeated contact.

EYES: Ocular contact may cause severe irritation.

INHALATION: Vapour may be irritating. Increased concentration inhalation (large quantities or prolonged period) may cause nausea, vomiting, drowsiness, dizziness. Symptoms depend on duration and level of exposure.

EFFECTS OF CHRONIC EXPOSURE:

INGESTION: Long term repeated oral exposure may result in the development of progressive liver injury.

12 - ECOLOGICAL INFORMATION

Biodegradable. Rapid volatilization. No other data available. May be harmful to aquatic life.

For release of large quantities in environment: Do not allow product or runoff from fire control to enter storm or sanitary sewers, lakes, rivers, streams, or public waterways. Block off drains and ditches. Provincial and federal regulations may require that environmental and/or other agencies be notified of a spill incident. Spill area must be cleaned and restored to original condition or to satisfaction of authorities.

13 - DISPOSAL CONSIDERATIONS

Do not contaminate or pollute by careless disposal practices. Return empty containers to a disposal site or to a reconditioner for proper recycling. All other waste is to be disposed of according to municipal, provincial, or federal regulations.

14 - TRANSPORT INFORMATION

Not regulated for transport.

15 - REGULATORY INFORMATION

GHS (WHMIS 2015) CLASSIFICATION:

ACUTE TOXICITY ORAL - CATEGORY 5

SKIN IRRITATION - CATEGORY 2

EYE IRRITATION - CATEGORY 2

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE HAZARDOUS PRODUCTS ACT AND THE SDS CONTAINS ALL THE INFORMATION REQUIRED BY THE HPR

16 - ADDITIONAL INFORMATION

Prepared by: Lorna Djandjikian, Chemist

Date : 22 September 2020

EMERGENCY NUMBERS: MON-FRI 9:00-17:00 TEL:(514) 339-7779 FAX: (514) 331-2276

ADDITIONAL NOTES AND REFERENCES:

N/AV = not available N/AP= not applicable N/D = not determined. The above given information has been collected from reputable, informed and sure sources. We offer this information to our clients in good faith and to the best of our knowledge. It is possible that additional precautions would be required for the handling, use, or storage of this product. We decline and reject all responsibility for the content, accuracy, for losses or injuries that could result due to the use of this product according, or consequent to the information supplied, or label claims