

# SAFETYDATASHEET

MISTRAL-DETERGENT HD

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Date prepared: MAY 2, 2018

MSDS : MISTRAL-DETERGENT HD SDS GHS

## 1.IDENTIFICATION

### Product Identifier

ProductName DETERGENT HD

### Recommended use of the chemical and restrictions on use

Recommendeduse Foaming cleaner

Restrictions on use Noinformationavailable

### Supplier details

KEMPRO SERVICES INC. 9221 Edison, Anjou, Qc. H1J 1T4, Tel. 1-800-299-0548, Fax. 514-447-3739

### EmergencyTelephoneNumber

Canutec(613)-996-6666

## 2.HAZARDSIDENTIFICATION

### Classification

SkinCorrosion/Irritation	Category1
Eyedamage/irritation	Category1
Acute oral toxicity	Category 5
Corrosivetometals	Category1

### Label Elements

#### WARNING

#### HazardStatements

Causeseye irritation



### PrecautionaryStatements-Prevention

Donotbreathedust/fume/gas/mist/vapors/spray.

Washface,handsandanyexposedskinthoroughlyafterhandling.

Wearprotectivegloves/protectiveclothing/eyeprotection/faceprotection.

Keep only in original packaging.

### PrecautionaryStatements-Response

IFINEYES:Rinsecautiouslywithwaterforseveralminutes.Removecontactlenses,ifpresentandeasytodo.Continuerinsing

ImmediatelycallaPOISONCENTERordrctor/physician.

IFONSKIN(orhair):Remove/Takeoffimmediatelyallcontaminatedclothing.Rinsekinwithwater/shower.

Washcontaminatedclothingbeforeuse.

IFINHALED:Removepersontofreshairandkeepatrestinapositioncomfortableforbreathing.

ImmediatelycallaPOISONCENTERordrctor/physician.

IFSWALLOWED:Rinemouth.DoNOTinducevomiting. ImmediatelycallaPOISONCENTERordrctor/physician.

Absorb spillage to prevent material damage.

**Precautionary Statements-Storage**

Store locked up

**Precautionary Statements-Disposal**

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight%
Ethoxylated alcohol	68439-46-3	10-20

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician
<b>Skin contact</b>	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
<b>Ingestion</b>	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Causes burns to eyes, skin and mucous membranes. Symptoms include tingling sensation and / or reddening of tissues.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

None

**Specific hazards arising from the chemical**

The product causes burns of eyes, skin and mucous membranes.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.



## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with skin, eyes and clothing.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Bases, organic materials, light metals, bleach.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Constituents have no known exposure limit.

### Appropriate engineering controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Goggles.

**Skin and body protection** Wear rubber or neoprene gloves, rubber apron and boots.

**Respiratory Protection** If exposure limits are exceeded or if ventilation is inadequate, NIOSH/MSHA approved respiratory protection should be worn.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Clear, liquid

### **ODOR**

Faint citrus

### **ODOR THRESHOLD :**

Not applicable

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

### **VAPOR DENSITY (Air = 1) :**

Not applicable

### **RELATIVE DENSITY AT 20°C:**

1.00



**pH :**

&lt;9

**MELTING POINT / FREEZING POINT :**

Not available

**BOILING POINT/BOILING RANGE :**

100 °C

**FLASH POINT :**

None

**EVAPORATION RATE, water = 1 :**

1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**SOLUBILITY IN WATER :**

Complete

**PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

**AUTO-IGNITION TEMPERATURE :**

None

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

10 – 30 cps

**FLAMMABLE LIMITS :****UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Will generate chlorine gas when mixed with chlorinated products.

**Conditions to Avoid**

Store away from incompatible materials.

**Incompatible Materials**

Chlorinated products, bases, organic materials, light metals

**Hazardous decomposition products**

None known.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethoxylated alcohol 68439-46-3	> 2 g/kg (Rat)	Not available	Not applicable

**Information on likely sources of exposure****Serious eye damage/irritation** Corrosive to eyes and may cause grave lesions, including blindness.**Skin corrosion/irritation** Corrosive to skin.**Ingestion** Ingestion may cause burns to the digestive and respiratory tract.**Inhalation** Spray mist may cause irritation or burns to respiratory tract.**Delayed and immediate effects and also chronic effects from short and long-term exposure****Respiratory or skin sensitization** Not a sensitizer.**Germ cell mutagenicity** None known.**Carcinogenicity** Not listed carcinogens.**Reproductive toxicity** None known.**STOT-single exposure** None known.**STOT-repeated exposure** None known.**Aspiration Hazard** None.**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms include tingling sensation and / or reddening of tissues, eventually leading to burn lesions.



**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information available.

**Persistence and degradability**

No information available.

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available

**Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

NOT REGULATED

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

MAY 2, 2018

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

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**End of SDS**