

1- IDENTIFICATION

Product name: **BIG BANG**
Description: Wet stripping system
Restriction on use: Dilute to use
Supplier/Manufacturer: MANIC SANITATION
66 rue Fraser, Rivière -du-Loup, Qc, G5R 1C2
Tel: 418-862-6393

2- HAZARDS IDENTIFICATION

Product classification:

Serious eye damage
May cause irritation or moderate burns in direct contact with the skin, eyes.
Harmful if swallowed in large quantities.

GHS pictogram:**Signal word:**

WARNING

Individual protection:

Visor or splash goggles.
Rubber or neoprene gloves.
Use a rubber apron or other protection depending on the nature of the work to be performed.

3- COMPOSITION/INFORMATION ON INGREDIENTS

MIX

Name	CAS Number	% weight
2-aminoethanol	141-43-5	10-30
Benzyl alcohol	100-51-6	10-30
Dipropylene glycol monomethyl ether	34590-94-8	7-13

4- FIRST AID MEASURES

Eye contact: Risk of severe irritation varying exposure conditions. Quickly rinse the eyes using a large amount of water for at least 30 minutes. See a doctor immediately.

Skin contact: Risk of severe irritation varying with exposure conditions. Remove contaminated clothing promptly. Rinse the skin with water for 15 minutes or until the product is removed. If irritation persists, seek medical attention.

Inhalation: In case of inhalation of mists, move the person to a ventilated area and place in a semi-sitting position. In case of respiratory difficulty, immediately transfer to the emergency medical service.

Ingestion: If swallowed, rinse mouth. Drink a glass of water.

5- FIRE-FIGHTING MEASURES

Flamability of the product:	Not flammable in normal use conditions.
Extinguishing media:	Use any extinguishing media appropriate to surrounding.
Protection for fire-fighting:	Wear self-contained breathing apparatus with full face masks and special protective clothing.
Hazardous Combustion Products:	No information available.

6- ACCIDENTAL RELEASE MEASURES

Personal protection:	Respiratory protection with full face mask. Rubber gloves with long sleeve. Rubber boots. Tight tracksuits
Environmental precautions:	Prevent from entering sewers, waterways or low areas.
Methods for cleaning:	Small and large spills: Ventilate area. Absorb with neutral absorbent material. Dispose of contaminated absorbent, refer to section 13 for waste disposal. Cleaning by rinsing with water.
Other information:	None

7- HANDLING AND STORAGE

Handling:	Handle away from incompatible materials. Avoid contact with skin, eyes. In case of insufficient ventilation, suitable respiratory protective device. Workers handling transvasent or corrosive substances must wear appropriate personal protective equipment. This product is corrosive: if handled or transferred regularly or frequently, eyewash or true emergency showers must be made available to workers and be located near the work station. Avoid wearing contact lenses when handling the product.
Incompatibility with:	Strong oxidizing agents, strong acids.
Storage:	Keep the closed container in a cool dry place between 5 ° C and 30 ° C.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Eyewash and emergency showers near the working place.

Exposition values:

Name	TLV
2-aminoethanol	3ppm
Benzyl alcohol	not available
Dipropylene glycol monomethyl ether	100ppm

Personal protection

Respiratory:	None generally. In case of insufficient ventilation, wear suitable respiratory equipment.
Eye:	Visor or splash safety goggles.
Hands:	Rubber or neoprene gloves
Clothing:	Use rubber apron or other protection depending on the nature of the job.
General:	Do not wear contact lenses when handling the product.

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless to light amber liquid	
Odour:	Light alcohol	
Odor threshold:	not available	
pH:	12.3	
Freezing point / melting point:	<0°C	
Boiling point:	not available	
Flash point:	not available	
Evaporating rate:	not available	(ether=1)
Flammability:	not flammable	
Flammable limits	not available	
Vapor pressure:	not available	(mm Hg)
Vapor density:	not available	(air=1)
Specific gravity:	1.023	(water=1)
Solubility in water:	Miscible in water.	
N-octanol / water partition coefficient:	not available	
Auto ignition temperature:	not available	
Decomposition temperature:	not available	
Viscosity:	10cps	22°C, 20rpm, spindle#1

10- STABILITY AND REACTIVITY

Chemical stability:	Product is stable
Hazardous reactions:	Refer to Section 7 incompatible materials
Decomposition products:	No dangerous polymerization predictable.
Incompatibility with:	Refer to Section 7 incompatible materials
Corrosion to metals:	Non corrosif

11- TOXICOLOGICAL INFORMATION

Datas: There are no data for the product, only for the ingredients

<u>Name</u>	<u>DL₅₀</u> (rat, oral)	<u>CL₅₀</u> (rat, 4h)
2-aminoethanol	1515mg/kg	>0.180mg/L
Benzyl alcohol	1230mg/kg	>4178mg/L
Dipropylene glycol monomethyl ether	5180mg/kg	no data

Chronic health effects

Carcinogenic effects:	No data
Teratogenic effects:	No data
Reproductive effects:	No data
Synergistic product:	No data

12- ECOLOGICAL INFORMATION

Ecotoxicity: (fish, aquatic invertebrates, aquatic plants, microorganisms): any existing data

Biodegradability:	No data
Other adverse effects:	No data

13- DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of this product must comply with the provisions of the legislation. Consult local, provincial or federal. Dispose of empty containers in the same way. Do not reuse empty containers. (see also section 7)

14- TRANSPORT INFORMATION

TGD classification: UN1760, CORROSIVE LIQUID, N.S.A. (Ethanolamine), Class 8, PG III

Additional information: Limited quantity 5L (Article 1.17 of the TDG)

15- REGULATORY INFORMATION

WHMIS 1988 (Canada): E Corrosive substances (Corrosion / irritation, eye injury)

16- OTHER INFORMATION

Date of issue: 2017-11-14

References:

1. Manufacturer Datasheet
2. CNESST, Toxicological Directory, Products
3. RPD-SOR-2015-17
4. Technical Guidance on the Requirements of the Hazardous Products Act and the Hazardous Products Regulations - WHMIS 2015 Supplier Requirements

Notice to reader

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