



Material Safety Data Sheet


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Section 1 - Product and Company Identification

Product name : Stripper-BM73	
Other names : --	
Product use : --	
Supplier's name : San Fu Chemical Co., Ltd., Shan Hua Plant	
Supplier's address : 340 Hsiao Hsin Li, Shan Hua, Tainan Hsien, Taiwan, R.O.C.	
Supplier's phone : 06-5837608	Emergency phone : 06-5837608
FAX. : 06-5839498	

Section 2 - Hazards Identification

Classification :	
1. Flammable liquids	Category 4
2. Acute toxicity	Category 4 (ingestion)
3. Acute toxicity	Category 4 (Skin)
4. Corrosive to metals	Category 1
5. Skin corrosion / irritation	Category 1
6. Serious eye Damage/eye irritation	Category 1
The Most Important Hazards and effect	
Label element :	
■ Hazard symbol : Corrosion 、 Exclamation mark	
	
■ Signal word : Danger	
Hazard statement :	
1. Flammable liquids	
2. Harmful if swallowed	
3. Harmful in contact with skin	
4. May corrode metals	
5. Cause severe skin burns and eye damage	
Precautionary statement :	
1. Do not inhale of vapors, mists, or sprays of this product.	
2. Wear splash goggles or safety glasses.	
3. Use with adequate ventilation.	
Others Hazard : /	

Section 3 – Composition /Information On Ingredients

Mixture :

Component or impurities contributing to the hazard	Concentration or concentration range	CAS No.
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Diethylene glycol monobutyl ether for synthesis (BDG)	60~70%	112-34-5
Ethanolamine (MEA)	30~40%	141-43-5

Section 4 - First Aid Measures

<p>The First-aid Information :</p> <ul style="list-style-type: none">■ Inhalation : Vapor may cause irritation to the respiratory tract. Symptoms may include sore throat, coughing, respiratory distress, headache, lethargy, and narcosis. Exposure to higher concentrations may cause pulmonary irritation, and kidney and liver damage.■ Skin Contact : May cause irritation, redness, burns, and pain. May be absorbed through the skin; symptoms may parallel inhalation.■ Eye Contact : Vapors and contact may cause severe irritation, burns, redness, pain, and blurred vision.■ Ingestion : May cause mucosa burns of the mouth and esophagus, abdominal pain, nausea, and vomiting. May cause systemic poisoning with symptoms paralleling inhalation.
<p>The Most Important Symptoms and Hazardous Effects :</p> <ol style="list-style-type: none">1. Persons with pre-existing skin disorders or impaired liver, kidney, and pulmonary function may be more susceptible to the effects of this material.
<p>Protection of First-aiders :</p> <ol style="list-style-type: none">1. Wear self-contained breathing apparatus with full face piece in positive pressure mode and proper protective clothing.2. Move containers from fire area if it can be done without risk.
<p>Notes to a Physician :</p> <ol style="list-style-type: none">1. The patient considers offering the oxygen when sucking.2. While eating, consider using the esophagus mirror to check, avoid washing the stomach.

Section 5 - Fire Fighting Measures

Extinguishing media : Water spray 、 dry chemical 、 alcohol foam 、 or carbon dioxide.
Specific hazard : Above flash point, vapor-air mixtures are explosive within flammable limits noted above.
Specific methods : wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.
The protection of firefighters : Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Personal precautions : Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.



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Environmental precautions : Ventilate area of leak or spill. Remove all sources of ignition.
Methods for cleaning up : Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material(e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer.

Section 7 - Handling and Storage

Handling : <ol style="list-style-type: none">1. Protect against physical damage.2. Isolate from any source of heat or ignition.3. Isolate from oxidizing materials.4. Use area should be No smoking area.5. Isolate from acidic materials.6. Avoid contact with copper and copper alloys.7. Product is suitably handled in stainless steel equipment.
Storage : <ol style="list-style-type: none">1. Keep container in a cool, well-ventilated area.2. Keep container tightly closed and sealed until ready for use.3. Avoid all possible sources of ignition (spark or flame).4. Sensitive to light.5. Store in light-resistant containers.6. Isolate from acidic materials.

Section 8 - Exposure Controls & Personal Protection

Engineering measures : <ol style="list-style-type: none">1. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.2. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.			
Control parameters			
TWA	STEL	Ceiling	Biological standards
--	--	--	--
Personal protective equipment : <ul style="list-style-type: none">Respiratory protection :<ul style="list-style-type: none">■ Hand Protection :<p>If the exposure limit is exceeded and engineering controls are not feasible, a full facepiece respirator with organic vapor cartridge may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.</p>■ Eye Protection : Wear chemical splash goggles and face shield.■ Skin and Body Protection : Wear appropriate protective gloves to prevent skin exposure.■ Clothing: Wear appropriate protective clothing to prevent skin exposure.			
Hygiene measures : <ol style="list-style-type: none">1. Change contaminated clothing. Application of skin-protective barrier cream recommended.2. Wash hands after working with substance.			



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Section 9 - Physical & Chemical Properties

Appearance : Liquid. Colorless. Clear	Odor : Ammonia odor.
Colour : --	Melting Point:--
pH value : <13	Boiling point/boiling range : 176°C~180°C
Flammability: --	Flash point : 97°C
Decomposition temp : --	Test method : ASTM D 3828 ; close
Autoignition temp : 204°C	Explosion properties : 0.85%~24.6%
Vapor pressure :	Vapor density : --
Density : 0.97	Solubility : Soluble in cold water.
log Kow : --	Evaporation Rate : --

Section 10 - Stability & Reactivity Data

Stability : stable under ordinary conditions of use and storage.
Possible hazardous reactions under specific conditions : Hygroscopic.Absorbs carbon dioxide.A strong base
Conditions to avoid : Heat, flame, other sources of ignition.
Materials to avoid : Acid, Aluminum, strong oxidizers.
Hazardous decomposition products : --

Section 11 - Toxicological Information

Route of exposure : Eye 、 Skin 、 Ingestion 、 Inhalation
Symptoms : sore throat, coughing, respiratory distress, headache, lethargy, and vomit.
Immediate Toxicity : <ul style="list-style-type: none">■ Skin:<ol style="list-style-type: none">1. Causes moderate skin irritation and possible burns.2. It can be absorbed through the skin.3. It may be harmful if absorbed through the skin.■ Eyes: Causes severe eye irritation and possible eye burns.■ Inhalation:<ol style="list-style-type: none">1. Causes respiratory tract irritation.2. May cause shortness of breath and an asthma-like condition.3. It may also affect behavior/central nervous system (nausea, headache, weakness, dizziness, giddiness, sleepiness, loss of coordination and judgement)■ Ingestion:<ol style="list-style-type: none">1. May be harmful if swallowed.2. Causes gastrointestinal tract irritation with nausea, vomiting and<ul style="list-style-type: none">● LD₅₀:--● LC₅₀:--
Specific effects : Chronic Effects on Humans:



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1. May cause damage to the following organs: kidneys, lungs, liver, central nervous system(CNS).
2. Very hazardous in case of ingestion.
3. Hazardous in case of skin contact (irritant, permeation), of inhalation (lung irritant).
4. Slightly hazardous in case of skin contact (corrosive), of eye contact (corrosive).

Section 12 - Ecological Information

Ecotoxicology :
■ LC ₅₀ (fish) : --
■ EC ₅₀ (Aquatic Invertebrates) : --
■ Bioconcentration factor (BCF) : --
Persistence and degradability :
■ Half-Life (Air) : --
■ Half-Life (Water surface) : --
■ Half-Life (Groundwater) : --
■ Half-Life (Soil) : --
Bioaccumulative potential : --
Mobility in soil : --
Other adverse effects : --

Section 13 - Disposal Considerations

Methods of disposal : Follow ROC Environmental Laws and Regulations.

Section 14 - MSDS Transport Information

UN classification number : --
Proper D.O.T Shipping Name: --
Hazard Class: --
Packing Group : --
Marine pollution : --
Specific precautionary transport measures and conditions : --

Section 15 - Regulatory Information

Regulations : According to the labor safety rule and ROC Environmental Laws and Regulations.

Section 16 - Other Information

Literature references	GHS SDS Database
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Remarks	Symbols Explanations: "--" No information is available at this time. "/" Not applicable to this substance.		
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