

## MATERIAL SAFETY DATA SHEET

Product:- AMIHIB 1013

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name AMIHIB-1013

CAS-No. 111-30-8

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Supplier Blue Line Chemicals LLC

PO Box- 42629 Musaffah Industrial Area

Abu Dhabi

United Arab Emirates

+971255004002

+97125501664

#### 1.4. Emergency telephone number

+971255004002

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### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.

Human health Acute Tox. 4 - H302; Acute Tox. 4 - H332; Skin Corr. 1B - H314

Environment Not classified.

Classification (1999/45/EEC) Xn; R20/22. C; R34.

Human health

No specific risk when handled in accordance with good occupational hygiene and safety practice.

Environment

Hazardous to aquatic systems.

Physical and Chemical Hazards

Non-flammable liquid.

#### 2.2. Label elements

Contains ALKYL PYRIDINE BENZYL CHLORIDE QUATERNARY

Label In Accordance With (EC) No. 1272/2008

Signal Word Danger

Hazard Statements

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H332 Harmful if inhaled.

Supplementary Precautionary Statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash ... thoroughly after handling.

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- P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P321 Specific treatment (see ... on this label).  
P330 Rinse mouth.  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container to ...  
Supplemental label information  
EUH208 Contains 2,2',2''-(HEXAHYDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL.  
May produce an allergic reaction.

## 2.3. Other hazards

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

2,2',2''-(HEXAHYDRO-1,3,5-TRIAZINE-1,3,5-TRIYL)TRIETHANOL < 1%

CAS-No.: 4719-04-4 EC No.: 225-208-0

Classification (67/548/EEC)

T;R23. Xn;R22. R43.

Classification (EC 1272/2008)

Acute Tox. 4 - H302

Acute Tox. 2 - H330

Skin Sens. 1 - H317

ALKYLPYRIDINE BENZYL CHLORIDE QUATERNARY 5-10%

CAS-No.: 100765-57-9 EC No.:

Classification (67/548/EEC)

Xn;R22.

C;R34,R35.

N;R51.

Classification (EC 1272/2008)

Acute Tox. 4 - H302



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Skin Corr. 1A - H314  
Skin Corr. 1B - H314  
SODIUM SULFITE, ANHYDROUS 1-5%  
CAS-No.: 7757-83-7 EC No.: 231-821-4 Registration Number: Not available  
Classification (67/548/EEC)  
Xn;R21/22. Xi;R41.  
Classification (EC 1272/2008)  
Acute Tox. 4 - H302  
Acute Tox. 4 - H312  
Eye Dam. 1 - H318  
The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Inhalation

Move the affected person away from the contaminated area and into the fresh air. Make affected person rest. If necessary, seek medical advice.

#### Ingestion

Call a doctor who will decide whether a stomach washout is necessary.

#### Skin contact

Rinse with plenty of water.

#### Eye contact

Rinse with water whilst keeping the eyes wide open.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

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## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Water spray, foam, dry powder or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

#### Specific hazards

Combustion products: Carbon dioxides and products of incomplete combustion.

### 5.3. Advice for firefighters

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate gloves, respirator if long exposure to spill is necessary.

### 6.2. Environmental precautions

Avoid discharge into drains/sewers or waterways.

### 6.3. Methods and material for containment and cleaning up

Recover the product by absorbing with sand and shoveling or sweeping. Use of water wash down after spill clean is recommended.

### 6.4. Reference to other sections

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## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Handle and use in accordance with good occupational hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place, stable under normal storage conditions.

### 7.3. Specific end use(s)

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

### 8.2. Exposure controls

Protective equipment

Respiratory equipment

If handling generates fume levels which cause irritation, or results in personal exposure exceeding the exposure limit (TWAEV) of 2000 ppm, then suitable approved respirator should be used with chemical cartridge for protection against organic vapors.

Hand protection

Impermeable gloves are recommended if extended exposure is anticipated.

Eye protection

The use of suitable eye protection (goggles) is recommended.

Other Protection

Local exhaust ventilation is recommended if handling generates fume concentrations that exceed the TWAEV.

Skin protection

Normal working clothes.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance Liquid

Colour Brown.

Odour Strong.

Solubility Soluble in water. Slightly dispersible in aromatic solvents, crude oil.

pH-Value, Conc. Solution 9.0 - 12.0 (neat)

Flash point (°C) > 100 CC (Closed cup).

### 9.2. Other information

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not occur.

### 10.4. Conditions to avoid

### 10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances.

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## 10.6. Hazardous decomposition products

No dangerous reaction, decomposition products known with common products.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Care must be considered to prevent the contamination of the environment from the use of this product. It is the user's responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

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## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN) 1760

UN No. (IMDG) 1760

### 14.2. UN proper shipping name

Proper Shipping Name CORROSIVE LIQUID, N.O.S.

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class 8

ADR/RID/ADN Class Class 8: Corrosive substances.

ADR Label No. 8

IMDG Class 8

ICAO Class/Division 8

Transport Labels

### 14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

### 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

### 14.6. Special precautions for user

EMS F-A, S-B

Hazard No. (ADR) 86

Tunnel Restriction Code (E)

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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## SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

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## SECTION 16: OTHER INFORMATION

Revision Date 9 May 2012

Revision 0

Risk Phrases In Full

R34 Causes burns.

R35 Causes severe burns.

R22 Harmful if swallowed.

R21/22 Harmful in contact with skin and if swallowed.

R43 May cause sensitisation by skin contact.

R41 Risk of serious damage to eyes.

R23 Toxic by inhalation.

R51 Toxic to aquatic organisms.

Hazard Statements In Full

H318 Causes serious eye damage.

H314 Causes severe skin burns and eye damage.

H330 Fatal if inhaled.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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