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**** MATERIAL SAFETY DATA SHEET ****

Acetamide, 99%

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Acetamide, 99%

Catalog Numbers:

15363-0000, 15363-0050, 15363-1000, 15363-5000

Synonyms:

Company Name: Shenzhen Honest Chem Chemical Co. Ltd

Add:20-402, District A, Nanyou, Nanshan, Shenzhen

Postcode: 518054

Company Telephone: 0755-26404303, 26404265

Fax: 0755-26404265

Document Number: Dec-2003-CSDS001

Date into Effect: 18/12/2003

Emergency Call: 0755-27237286

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

Chemical Name: Acetamide

CAS#: 60-35-5

EINECS# : 200-473-5

Hazard Symbols: XN

Risk Phrases: 40

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Limited evidence of a carcinogenic effect. Hygroscopic (absorbs moisture from the air).

Potential Health Effects

Eye:

May cause eye irritation.

Skin:

Causes mild skin irritation. May be harmful if absorbed through the skin.

Ingestion:

Ingestion of large amounts may cause gastrointestinal irritation.
May be harmful if swallowed.

Inhalation:

May cause respiratory tract irritation. May be harmful if inhaled.

Chronic:

May cause kidney injury. May cause cancer according to animal studies. Limited evidence of a carcinogenic effect.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:

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

Extinguishing Media:

Water or foam may cause frothing. Use water spray, dry chemical, carbon dioxide, or chemical foam.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal

container.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Use only in a chemical fume hood.

Storage:

Store in a cool, dry place. Store in a tightly closed container.
Store under nitrogen.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes:

Wear chemical goggles.

Skin:

Wear appropriate gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State:	Crystals
Color:	white
Odor:	characteristic odor
pH:	Not available.
Vapor Pressure:	1.33 hPa @ 65 deg C
Viscosity:	Not available.
Boiling Point:	221 deg C
Freezing/Melting Point:	78 - 81 deg C
Autoignition Temperature:	Not available.
Flash Point:	Not available.
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.

Decomposition Temperature:
Solubility in water: 2000 g/l (20°C)
Specific Gravity/Density:
Molecular Formula: C₂H₅NO
Molecular Weight: 59.06

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials, ignition sources, excess heat, exposure to moist air or water, electrical sparks.

Incompatibilities with Other Materials:

Metals, strong oxidizing agents, strong reducing agents, strong acids, strong bases, halogenated agents.

Hazardous Decomposition Products:

Carbon monoxide, oxides of nitrogen, carbon dioxide.

Hazardous Polymerization: Will not occur.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:

CAS# 60-35-5: AB4025000

LD50/LC50:

CAS# 60-35-5: Oral, mouse: LD50 = 12900 mg/kg; Oral, rat: LD50 = 7 gm/kg.

Carcinogenicity:

Acetamide -

California: carcinogen; initial date 1/1/90

OSHA: Possible Select carcinogen

IARC: Group 2B carcinogen

Other:

See actual entry in RTECS for complete information.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecotoxicity:

Fish: Mosquito Fish: LC50: 26-13 g/l; 24-96h; .Log Pow: -1.3

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

USA RQ: CAS# 60-35-5: 100 lb final RQ; 45.4 kg final RQ

**** SECTION 15 - REGULATORY INFORMATION ****

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XN

Risk Phrases:

R 40 Limited evidence of a carcinogenic effect.

Safety Phrases:

S 36/37 Wear suitable protective clothing and gloves.

WGK (Water Danger/Protection)

CAS# 60-35-5: 1

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 60-35-5 is listed on Canada's DSL List.

CAS# 60-35-5 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

CAS# 60-35-5: OEL-FINLAND; Carcinogen

OEL-GERMANY; Carcinogen

US FEDERAL

TSCA

CAS# 60-35-5 is listed on the TSCA inventory.

**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 7/16/1996 Revision #1 Date: 7/26/2002

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