Chem-Impex International Inc.

Tel: (630) 766-2112 **Fax: (630) 766-2218**
E-mail: **sales@chemimpex.com** Web site: **www.chemimpex.com**
Shipping and Correspondence:
935 Dillon Drive
Wood Dale, IL 60191 USA
Manufacturing site:
825 Dillon Drive
Wood Dale, IL 60191 USA

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #: 19514

NAME: Thiazole-2-Carboxylic Acid Hydrazide

SYNONYMS:

24 HOUR EMERGENCY TELEPHONE: (800) 535-5053(USA)
352-323-3500 (INTERNATIONAL)

TO REQUEST AN MSDS: (800) 869-9290

CUSTOMER SERVICE: (630) 766-2112

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 16733-90-7

MF: $C_4H_5N_3OS$

MW: 143.17

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PURITY:

SECTION 3. HAZARDS IDENTIFICATION

NOT AVAILABLE.

POTENTIAL HEALTH EFFECTS

THE TOXICOLOGICAL PROPERTIES OF THIS MATERIAL HAVE NOT BEEN INVESTIGATED. USE APPROPRIATE PROCEDURES TO PREVENT OPPORTUNITIES FOR DIRECT CONTACT WITH THE SKIN OR EYES AND TO PREVENT INHALATION.

SECTION 4. FIRST-AID MEASURES

EYES:	NOT AVAILABLE.
SKIN:	NOT AVAILABLE.
INHALATION:	NOT AVAILABLE.
INGESTION:	DO NOT INDUCE VOMITING. IF CONSCIOUS AND ALERT, RINSE MOUTH AND DRINK 2-4 CUPFULS OF MILK OR WATER.
NOTES FOR PHYSICIAN:	TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: NOT AVAILABLE

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AUTOIGNITION TEMPERATURE:	NOT AVAILABLE
FLAMMABLE LIMITS IN AIR, BY % VOLUME	UPPER: NOT AVAILABLE LOWER: NOT AVAILABLE
EXTINGUISHING MEDIA:	NOT AVAILABLE.
GENERAL INFORMATION:	AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR.

SECTION 6. ACCIDENTAL RELEASE MEASURES

USE PROPER PERSONAL PROTECTIVE EQUIPMENT AS INDICATED IN SECTION 8.

SPILLS AND LEAKS: SWEEP UP, THEN PLACE INTO A SUITABLE CONTAINER FOR DISPOSAL.

SECTION 7. HANDLING AND STORAGE

HANDLING NOT AVAILABLE.

STORAGE KEEP COOL AND DRY

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION

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CONTROLS:	TO KEEP AIRBORNE CONCENTRATIONS BELOW THE PERMISSIBLE EXPOSURE LIMITS.
EYES:	WEAR SAFETY GLASSES AND CHEMICAL GOGGLES IF SPLASHING IS POSSIBLE.
SKIN AND CLOTHING:	WEAR APPROPRIATE PROTECTIVE GLOVES AND CLOTHING TO PREVENT SKIN EXPOSURE. WEAR APPROPRIATE PROTECTIVE CLOTHING TO MINIMIZE CONTACT WITH SKIN.
RESPIRATORS:	WEAR A NIOSH/MSHA OR EUROPEAN STANDARD EN 149 APPROVED FULL-FACEPIECE AIRLINE RESPIRATOR IN THE POSITIVE PRESSURE MODE WITH EMERGENCY ESCAPE PROVISIONS.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	
pH:	NOT AVAILABLE
VAPOR PRESSURE:	NEGLIGIBLE.
VISCOSITY:	NOT AVAILABLE
BOILING POINT:	
FREEZING / MELTING POINT	

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SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.
CONDITIONS TO AVOID	INCOMPATIBLE MATERIALS.
INCOMPATIBILITY WITH OTHER MATERIALS:	OXIDIZING AGENTS, REDUCING AGENTS, BASES, ALKALI METALS.
HAZARDOUS DECOMPOSITION PRODUCTS:	CARBON MONOXIDE, CARBON DIOXIDE.
HAZARDOUS POLYMERIZATION:	HAS NOT BEEN REPORTED.

SECTION 11. TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 16733-90-7

LD50/LC50:
CAS# 16733-90-7 :
NOT AVAILABLE.

CARCINOGENICITY:
CAS# 16733-90-7 : NOT LISTED BY ACGIH, IARC, NIOSH, NTP, OR OSHA. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

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SECTION 12. ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSE OF IN A MANNER CONSISTENT WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

NO INFORMATION AVAILABLE.

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
TSCA:
CAS# 16733-90-7 IS LISTED ON THE TSCA INVENTORY.

EUROPEAN/INTERNATIONAL REGULATIONS
EUROPEAN LABELING IN ACCORDANCE WITH EC DIRECTIVES
HAZARD SYMBOLS: NOT AVAILABLE.

RISK PHRASES:

SAFETY PHRASES:
S 24/25 AVOID CONTACT WITH SKIN AND EYES.

WGK (WATER DANGER/PROTECTION)

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CAS# 16733-90-7 : NO INFORMATION AVAILABLE.

UNITED KINGDOM OCCUPATIONAL EXPOSURE LIMITS

UNITED KINGDOM MAXIMUM EXPOSURE LIMITS

CANADA - DSL/NDSL
CAS# 16733-90-7 IS LISTED ON CANADA'S DSL LIST.

CANADIAN INGREDIENT DISCLOSURE LIST
CAS# 16733-90-7 : IS NOT LISTED ON CANADA'S INGREDIENT DISCLOSURE LIST.
EXPOSURE LIMITS

SECTION 16. OTHER INFORMATION

MSDS LEGEND:

MW:	MOLECULAR WEIGHT
MF:	MOLECULAR FORMULA
VOC:	VOLATILE ORGANIC COMPOUNDS
ACGIH:	AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
CAS:	CHEMICAL ABSTRACTS SERIVE REGISTRY NUMBER
OSHA:	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PEL:	PERMISSIBLE EXPOSURE LIMIT (OSHA)
TLV:	THRESHOLD LIMIT VALUE (ACGIH)

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