# Chem-Impex International Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

**Shipping and Correspondence:** 

935 Dillon Drive Wood Dale, IL 60191 USA Fax: (630) 766-2218

Web site: www.chemimpex.com

**Manufacturing site:** 

825 Dillon Drive

Wood Dale, IL 60191 USA

# MATERIAL SAFETY DATA SHEET

#### SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #: 18118

NAME: 5-Nitro-2-Indanone

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 #: 116530-60-0

MF:  $C_9H_7NO_3$ 

MW: 177.16

pd4ml evaluation copy. visit http://pd4ml.com

DI	TD	TO	7
νι	JR	11	· V ·
1 (	$\mathcal{I}$		ш.

#### 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 TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

PHYSICIAN:

## SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: NOT AVAILABLE

AUTOIGNITION

NOT AVAILABLE

TEMPERATURE:

FLAMMABLE LIMITS IN AIR, BY % VOLUME

UPPER: NOT AVAILABLE LOWER: NOT AVAILABLE

**EXTINGUISHING** 

MEDIA:

NOT AVAILABLE.

GENERAL

AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING

INFORMATION: 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

pd4ml evaluation copy. visit http://pd4ml.com

CONTROLS: TO KEEP AIRBORNE CONCENTRATIONS BELOW THE

PERMISSIBLE EXPOSURE LIMITS.

EYES: WEAR SAFETY GLASSES AND CHEMICAL GOGGLES IF

SPLASHING IS POSSIBLE.

SKIN AND WEAR APPROPRIATE PROTECTIVE GLOVES AND CLOTHING TO

CLOTHING: 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.

# SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

pH: NOT AVAILABLE

VAPOR PRESSURE: NEGLIGIBLE.

VISCOSITY: NOT AVAILABLE

**BOILING POINT:** 

FREEZING / MELTING

**POINT** 

#### SECTION 10. STABILITY AND REACTIVITY

**CHEMICAL** STABILITY: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

**CONDITIONS TO** 

INCOMPATIBLE MATERIALS.

**AVOID** 

**INCOMPATIBILITY** 

OXIDIZING AGENTS, REDUCING AGENTS, BASES, ALKALI METALS.

WITH OTHER **MATERIALS:** 

**HAZARDOUS** 

**DECOMPOSITION** 

PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE.

**HAZARDOUS** 

HAS NOT BEEN REPORTED.

POLYMERIZATION:

#### TOXICOLOGICAL INFORMATION SECTION 11.

RTECS#:

CAS# 116530-60-0

LD50/LC50:

CAS# 116530-60-0: NOT AVAILABLE.

**CARCINOGENICITY:** 

CAS# 116530-60-0: NOT LISTED BY ACGIH, IARC, NIOSH, NTP, OR OSHA. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

#### 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# 116530-60-0 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)

pd4ml evaluation copy. visit http://pd4ml.com

CAS# 116530-60-0: NO INFORMATION AVAILABLE.

#### UNITED KINGDOM OCCUPATIONAL EXPOSURE LIMITS

#### UNITED KINGDOM MAXIMUM EXPOSURE LIMITS

CANADA - DSL/NDSL

CAS# 116530-60-0 IS LISTED ON CANADA'S DSL LIST.

#### CANADIAN INGREDIENT DISCLOSURE LIST

CAS# 116530-60-0: 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)

#### IMPORTANT:

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO EVENT SHALL **CII** BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT,

INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF **CII** HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.