

IonShine
CLN-845.05 and CLN-845.10

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : IONSHINE ID NUMBER: JWLC PRODUCT USE/CLASS : JEWELRY CLEANER
MANUFACTURER: EST INC. PO. BOX-11232 SHAWNEE MISSION, KS 66207 EMERGENCY TELEPHONE: 816-1-800-424-9300
PREPARER: VINAY PATEL PHONE: 816-913 953-8918 PREPARE DATE: 03/05/06

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	TLV-TWA	TLV-STEL	PEL-TWA	SKIN DESIGNATION
MONOETHANOLAMINE	141-48-5	15.0% TO 20%	NONE	NO INFO	NONE	NO
SURFACE ACTIVE ADDITIVES	N/A	3% TO 7%	N/A	N/A	N/A	N/A

(See Section 11 for abbreviation legend)

SECTION III - PHYSICAL DATA

BOILING RANGE : 82 - 340 F VAPOR DENSITY : Is heavier than air ODOR: CHARACTERISTIC SPECIFIC GRAVITY: 0.9825
APPEARANCE : BLUE EVAPORATION RATE: Is slower than Ether SOLUBILITY IN H2O :
APPRECIABLE
(See Section XI for abbreviation legend)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A LOWER EXPLOSIVE LIMIT: N/A UPPER EXPLOSIVE LIMIT: N/A
(TAGLIABUE CLOSED CUP)
EXTINGUISHING MEDIA: CO2 - DRY CHEMICAL - WATER FOG
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN. SPECIAL FIREFIGHTING PROCEDURES: NONE KNOWN.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE - EYE CONTACT: IRRITATION AND TEARING
EFFECTS OF OVEREXPOSURE - SKIN CONTACT: MAY IRRITATE SENSITIVE SKIN.
EFFECTS OF OVEREXPOSURE - INHALATION: NONE KNOWN.
EFFECTS OF OVEREXPOSURE - INGESTION: MAY CAUSE MILD DIARRHEA (SOAP EFFECT).
EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: NONE KNOWN.
FIRST AID - EYE CONTACT: FLUSH WITH WATER 15 MINUTES, LIFTING EYELIDS.
FIRST AID - SKIN CONTACT: FLUSH WITH WATER.
FIRST AID - INHALATION: NONE KNOWN.
FIRST AID - INGESTION: DRINK WATER. IF LARGE AMOUNTS ARE INGESTED, INDUCE VOMITING. CALL PHYSICIAN.
PRIMARY ROUTE(S) OF ENTRY: INHALATION INGESTION EYE CONTACT

SECTION VI - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN. CONDITIONS TO AVOID: NONE
INCOMPATIBILITY: STRONG OXIDIZING AGENTS.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions. STABILITY: This product is stable under normal storage conditions.

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SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: DIKE FOR RECOVERY OR DISPOSAL. SMALL AMOUNTS, FLUSH TO SEWER.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: No Information.

Information.

VENTILATION: No

SECTION VIII - SAFE HANDLING AND USE INFORMATION

SKIN PROTECTION: GLOVES NEEDED FOR EXTRA SENSITIVE SKIN.
GOGGLES.

EYE PROTECTION: SAFETY GLASSES OR

OTHER PROTECTIVE EQUIPMENT: No Information.
USE.

HYGENIC PRACTICES: WASH AFTER EACH

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: No Information.
Information.

OTHER PRECAUTIONS: No

SECTION X - HMIS RATINGS

HMIS RATINGS -

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

SECTION XI - OTHER REGULATIONS

SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

The information contained on this MSDS is been checked and should be accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

<END OF MSDS>

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