


MSDS-0742
REVISION: N/C
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MATERIAL SAFETY DATA SHEET

V I D E N T
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Prepared by: 

SECTION I - PRODUCT IDENTIFICATION: SM90 & SM95 SEPARATOR

TRADE NAMES:
SM90 SEPARATOR, SM95 SEPARATOR

CHEMICAL NAME:
ETHANOL SOLUTION

MSDS - 0742 APPLIES TO THE FOLLOWING VIDENT PRODUCTS (BY PART NUMBER) :

A41-254

INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND IS ACCURATE AND RELIABLE TO THE BEST OF OUR KNOWLEDGE AND BELIEF. IT IS THE USER'S RESPONSIBILITY TO DETERMINE FOR HIMSELF THE SUITABILITY OF ANY MATERIAL FOR A SPECIFIC PURPOSE AND TO ADOPT SUCH SAFETY PRECAUTIONS AS MAY BE NECESSARY. WE MAKE NO WARRANTY AS TO THE RESULTS TO BE OBTAINED IN USING ANY MATERIAL AND, SINCE CONDITIONS OF USE ARE NOT UNDER OUR CONTROL, WE MUST NECESSARILY DISCLAIM ALL LIABILITY WITH RESPECT TO THE USE OF ANY MATERIAL SUPPLIED BY US.

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SECTION II - HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

HAZARDOUS INGREDIENTS / OSHA:

INGREDIENT [CAS #]

OSHA PEL ACQIM TLY
 TWA (8H/8D) TWA (60/EP)

Ethyl Alcohol [64-17-5] 1900

1900

CARCINOGENIC INGREDIENTS / OSHA: None.

SECTION III - PHYSICAL AND CHEMICAL DATA

APPEARANCE AND ODOR: Yellow viscous odorless liquid.

SOLUBILITY IN WATER: Miscible.

BOILING POINT: 100°C

VAPOR PRESSURE: 760mm Hg.

EVAPORATION RATE: .96 (butyl acetate = 1).

DENSITY: 1.054 g/cm³

MELTING POINT: < -15°C

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 28°C.

FLAMMABLE LIMITS:

LEL: 3.5% by volume.

UEL: 15.0% by volume.

EXTINGUISHING MEDIA: Water, water mist, dry powder, alcohol foam, CO₂.

SPECIAL FIREFIGHTING PROCEDURES: for spillage, dilute with water.

UNUSUAL FIRE HAZARD: Keep away from ignition sources; no smoking allowed.

SECTION V - REACTIVITY DATA

STABILITY: Stable.

MATERIALS TO AVOID: None.

HAZARDOUS POLYMERIZATION: None.

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: None.

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: Skin and/or eye contact, ingestion.

HEALTH HAZARDS: After local contact, irritation of skin & mucous membranes, (eyes gastro-intestinal tract, resp. passages), concentrations >50% cause local tissue damage, skin resorption). Rapid resorption in intestinal tract. Intoxicating and possibly narcotic effect.
 CARCINOGENICITY: None.

SIGNS AND SYMPTOMS OF EXPOSURE: Contact: Skin and eye irritation. Ingestion: Intoxication and reduced ability to react.

EMERGENCY FIRST AID PROCEDURES: As for alcohol poisoning. For eye irritation flush with copious amounts of water, seek medical attention if irritation persists.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

CLEAN-UP PROCEDURES: Not applicable.

WASTE DISPOSAL METHOD: Not applicable.

HANDLING AND STORAGE PRECAUTIONS: Keep away from heat and other ignition sources.

SECTION VII - CONTROL MEASURES

SKIN PROTECTION: Avoid prolonged skin contact. Soap wash.

VENTILATION: Not applicable.

EYE PROTECTION: Avoid rubbing eyes.

PROTECTIVE CLOTHING: Not applicable.
 WORK/HYGENIC PRACTICES: Not applicable.