



MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

Activator 85

I. NAME

PRODUCT/TRADE NAME: Activator 85

EPA REGISTRATION #: None

CHEMICAL NAME/COMMON NAME:

Poly (oxy-1,2-ethanediyl), Alpha-(4-nonylphenyl)-Omega-hydroxy-branched/

Alkaryl/polyoxethylene Glycols

2-Propanol/Isopropyl Alcohol

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Alkaryl/polyoxethylene Glycols	127087-87-0	NE	NE
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): 1.04

MELTING POINT: NA

VAPOR DENSITY (AIR = 1): 2.0 (IPA)

% VOLATILES BY VOL.: NE

ODOR: Alcohol

APPEARANCE: Transparent Liquid

FLASH POINT/METHOD: >180 Deg. F TCC

VAPOR PRESSURE (mmHg): NA

SOLUBILITY IN H₂O: Slightly

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: ☒ Water Fog ☐ Foam ☒ Alcohol Foam

☒ CO₂ ☐ Dry Chemical ☐ Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing vapors and spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

☐ OSHA ☐ NTP ☐ IARC ☐ No Listing Type:

VI. REACTIVITY

☒ Stable HAZARDOUS POLYMERIZATION

☐ Unstable ☐ May Occur ☒ Will Not Occur

AVOID: Strong Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: CO_x

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Vacuum or sweep into an approved disposal container.

DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material and place in approved disposal containers. Repeat as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Use DOT-approved disposal containers and dispose of in accordance with all federal, state and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute Oral LD₅₀ Isopropyl Alcohol 5,840mg/kg (SAX*). Wash thoroughly before eating, drinking or smoking. Do not ingest. Do not store near food and feed.

INHALATION: No established PEL/TLV. Isopropyl Alcohol has a PEL/TLV 400 ppm. Wear appropriate respiratory protection for encountered.

SKIN ABSORPTION: Acute dermal LD₅₀ (rabbit) for Isopropyl Alcohol 13 g/kg (SAX*). Can cause mild skin irritation or dermatitis after prolonged contact. Wear proper personal protective equipment to reduce exposure.

EYE EXPOSURE: May be mildly irritating to the eyes. If exposed, flush a minimum of 15 minutes with water. Wear proper eye protection to reduce splash exposure.

EFFECTS OF OVEREXPOSURE: effects of overexposure may include flushing, headache, dizziness, mental depression, nausea, vomiting, narcosis, anesthesia

and coma. Can be fatal. Chronic overexposure can result in kidney damage. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If swallowed, give several glasses of water. Do not induce vomiting. For skin exposure, remove contaminated clothing and wash thoroughly with soap and water. For eye exposure, irrigate eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for organic vapors for exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.

PERSONAL PROTECTIVE EQUIPMENT: Recommend chemical goggles and Poly Vinyl or rubber gloves.

VENTILATION: Recommend local exhaust ventilation is recommended for manufacture and formulation operations. General ventilation sufficient for intended use.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. Keep away from open flame, heat or ignition sources. Isopropyl Alcohol reacts violently with (H₂+Pd), nitroform, oleum, COC12, potassium-tert-butoxide, A1, A1 tri isopropoxide and crotonaldehyde.

XI. REGULATORY DATA

SARA HAZARD CLASS: ☒ Acute ☒ Chronic ☒ Flammable

☐ Pressure ☐ Reactive ☐ None

SARA 313: ☐ Yes ☒ No Chemical:

SARA 302: ☐ Yes ☒ No Chemical:

TPQ:

CERCLA: ☐ Yes ☒ No Chemical:

RQ:

RCRA: ☒ Yes ☐ No

NFPA HAZARD RATING:

Health: [2]

Fire: [1]

Reactivity: [0]

Special: []

HMIS CODES:

Health: [2]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal

3 = Serious

1 = Slight

4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal

3 = Serious

1 = Slight

4 = Severe

2 = Moderate

DATE PREPARED: May 9, 2007

REVISED DATE:

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*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number

CHEMTREC: (800) 424-9300

RNA

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