

SERIES CATALYST, ADE-677

MSDS Number

BBPLH

National Stock Number

8010-00F004076

Product Name

SERIES CATALYST, ADE-677

Manufacturer

ADVANCE PROCESS SUPPLY

Product Identification

Product ID:SERIES CATALYST, ADE-677

MSDS Date:11/10/1989

FSC:8010

NIIN:00F004076

MSDS Number: BBPLH

Responsible Party

ADVANCE PROCESS SUPPLY

400 NORTH NOBLE

CHICAGO , IL 60622-6383

Emergency Phone: (312) 942-8577

Info Phone: (312) 829-1400

Cage: 29431

Contractor

ADVANCE PROCESS SUPPLY CO.

CHICAGO, IL 60622-6383

US

312-942-8504

Cage: 29431

Ingredients

2-ETHOXYETHANOL (EGEE) (SARA III)

CAS: 110-80-5

RTECS: KK8050000

Fraction By Weight: 18.73%

OSHA PELS,200 PPM

ACGIH TLV: S, 5 PPM; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

METHYL ISOBUTYL KETONE (SARA III)

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight: 18.73%

OSHA PEL100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 17.63%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

DIETHYLENE TRIAMINE

CAS: 111-40-0

RTECS: IE1225000

OSHA PEL1 PPM

ACGIH TLV: S, 1 PPM; 9192

2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL, DMP-30

CAS: 90-72-2

RTECS: 9999999VO

Fraction By Weight: 55.1%

ACGIH TLV: 5 PPM

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN: IRRITATION, SENSITIZER, & ABSORBED. EYES: IRRITATION & PULMONARY SENSITIZATION, INJURY TO THE LIVER, KIDNEYS & BLOOD FORMING ORGANS. INHALATION: RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SKIN: IRRITATION, DERMATITIS. EYES: IRRITATION W/POSSIBLE PERMANENT INJURY. INHALATION: NOSE/THROAT IRRITATION, DROWSINESS, SLURRED SPEECH, HEADACHE, NAUSEA, DIZZINESS, STUPOR/UNCONSCIOUSNESS.

First Aid

First Aid:EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL IF NECESSARY. INGESTION: DON'T INDUCE VOMITING . GIVE LARGE QUANTITIES OF LIQUID. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:60F

Lower Limits:1.0%

Upper Limits:7.5%

Extinguishing Media:ALCOHOL FOAM, FOAM, WATER FOG, CO2, DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. USE WATER FOG TO COOL CONTAINERS.

Unusual Fire/Explosion Hazard: VAPOR IS >AIR, MAY TRAVEL & IGNITE OR FLASHBACK. EMPTY CONTAINERS MAY STILL CAUSE A HAZARD IF HEATED.

Accidental Release

Spill Release Procedures: GROUND HANDLING EQUIPMENT TO PREVENT SPARKING. TAKE UP W/ABSORBANT MATERIAL/PLACE IN PROPER CONTAINER FOR DISPOSAL. TAKE UP RESIDUE W/ABSORBANT SUCH AS CLAY OR SAND/PLACE IN PROPER CONTAINERS FOR DISPOSAL. FLUSH AREA W/WATER TO REMOVE TRACE RESIDUE.

Handling

Handling and Storage Precautions: WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING OF VAPORS, CONTACT W/SKIN. KEEP AWAY FROM HEAT, SPARKS, & FLAME. KEEP CONTAINERS TIGHTLY SEALED.

Other Precautions: STORE IN A COOL DRY AREA W/ADEQUATE EXPLOSION-PROOF VENTILATION. EMPTY CONTAINERS MAY STILL CAUSE A HAZARD IF HEATED. DON'T TAKE INTERNALLY.

Exposure Controls

Respiratory Protection: NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation: PROVIDE EXPLOSION-PROOF VENTILATION TO KEEP Protective Gloves: IMPERVIOUS, NEOPRENE, NITRILE RUBBER

Eye Protection: SAFETY GOGGLES, FACE SHIELD

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, IMPERVIOUS CLOTHING & BOOTS.

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PHOTOCHEMICALLY REACTIVE SOLVENT: 17.6%

Chemical Properties

Boiling Pt: B.P. Text: 130-160F

Vapor Density: >1

Spec Gravity: 0.982

Evaporation Rate & Reference: SLOWER THAN N-BU AC

Solubility in Water: APPRECIABLE

Appearance and Odor: YELLOW TO AMBER COLOR; MILD SOLVENT ODOR.

Percent Volatiles by Volume: 49.38%

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG BASES, STRONG ALKALIES.

Stability Condition to Avoid: OPEN FLAMES, SPARKS, SOURCES OF IGNITION, HEAT

Hazardous Decomposition Products: CO, CO₂, VARIOUS HYDROCARBONS, OXIDES OF NITROGEN, NITROGEN CONTAINING ORGANIC COMPOUNDS.

Disposal

Waste Disposal Methods: DISPOSE OF IN A LICENSED TSD FACILITY IN ACCORDANCE W/APPLICABLE STATE & LOCAL REGULATIONS, PREFERRABLY BY INCINERATION.

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