

MATERIAL SAFETY DATA SHEET

MANUFACTURER: TRANSENE COMPANY, INC.
 ADDRESS: ROUTE ONE
 ROWLEY, MA 01969
 PHONE: 508-948-2811
 EMERGENCY NO. 508-948-2501

NO. ACID AID

N/A - not available

TELEX

SECTION I. MATERIAL IDENTIFICATION

Reviewed: 12/86

MATERIAL NAME: ACID AID

OTHER DESIGNATIONS

CHEMICAL FAMILY MAGNESIUM OXIDE DISPERSION

TRADE NAME ACID AID

SECTION II. INGREDIENTS AND HAZARDS

	%	HAZARD DATA
MAGNESIUM OXIDE CAS# 1309-48-4	30	Toxicity (mg/M ³) 15.0mg/M ³
PROPYLENE GLYCOL CAS#0057-55-6	70	26.4g/Kg

SECTION III. PHYSICAL DATA

Boiling point at 1 atm, deg C 187°C

Vapor pressure at 15°C, mm Hg N/A

Vapor density (Air = 1) N/A

Water solubility at 20°C minimal

Specific gravity, 20/4°C N/A

Evap. Rate (BuAc = 1) N/A

Volatiles, % N/A

Molecular weight not applicable

Appearance & Odor:

White viscous material/little odor

SECTION IV. FIRE AND EXPLOSION DATA

	LOWER	UPPER
Flash Point and Method 225°C (Open cup)	N/A	N/A
Autoignition Temp. N/A		
Flammability Limits in Air N/A		

Extinguishing media:

Water, dry chemical, carbon dioxide, Alcohol foam or CCL₄

Special fire fighting procedures: Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire intensity.

SECTION V. REACTIVITY DATA

Stability	Stable XX Unstable	Conditions to avoid: Readily hygroscopic and takes on CO ₂ from air.
Incompatible with:	Avoid strong bases at high temperatures; strong acids, strong oxidizing agents and materials reactive with hydroxyl compounds. Violent reaction	
Hazardous decomposition products:	with PCL ₅ . Burning can product CO and/or CO ₂	
Hazardous polymerization:	May occur Will not occur XX	Conditions to avoid: Moisture and heat

ACID AID

NO.

SECTION VI. HEALTH HAZARD INFORMATION

TLV

N/A

Effects of overexposure

MgO overexposure may cause slight skin and eye irritation. Upon inhalation there may be respiratory irritation.

FIRST AID:

Eye contact: Wash with water at least 15 minutes lifting both eyelids occasionally. Contact a physician.

Skin contact: Wash area of contact with soap and water.

Inhalation: Remove to fresh air. Give artificial respiration if breathing has stopped.

Ingestion: Do not induce vomiting. Contact a physician immediately.

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILLS, LEAKS:

Contain spill. Wash area with absorbent material. Collect for disposal.

DISPOSAL: Incinerate in a furnace where permitted under appropriate local, state and federal regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory protection: Wear a respirator that conforms to NIOSH guidelines.

Ventilation:

Local exhaust.

Protective gloves:

Impervious gloves (PVC coating)

Other protective equipment:

Eye bath & safety shower

Eye protection:

Chemical goggles

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS

Storage & Handling Information

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Store away from incompatible materials.

DOT Class

Non-restricted

APPROVALS:

M.E. Hecht

Judgements as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Transene Company, Inc. extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended pur-

Industrial Hygiene and Safety

SECTION VI. HEALTH HAZARD INFORMATION TLV N/A

Effects of overexposure

MgO overexposure may cause slight skin and eye irritation. Upon inhalation there may be respiratory irritation.

FIRST AID:

Eye contact: Wash with water at least 15 minutes lifting both eyelids occasionally. Contact a physician.

Skin contact: Wash area of contact with soap and water.

Inhalation: Remove to fresh air. Give artificial respiration if breathing has stopped.

Ingestion: Do not induce vomiting. Contact a physician immediately.

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILLS, LEAKS:

Contain spill. Wash area with absorbent material. Collect for disposal.

DISPOSAL: Incinerate in a furnace where permitted under appropriate local, state and federal regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory protection: Wear a respirator that conforms to NIOSH guidelines.

Ventilation:

Local exhaust.

Protective gloves:

Impervious gloves (PVC coating)

Other protective equipment:

Eye bath & safety shower

Eye protection:

Chemical goggles

SECTION IX. SPECIAL PRECAUTIONS AND COMMENTS

Storage & Handling Information

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Store away from incompatible materials.

DOT Class

Non-restricted

APPROVALS:

M.E. Hecht

Judgements as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Transene Company, Inc. extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.

Industrial Hygiene and Safety

Corporate Medical Staff