

GFS CHEMICALS, INC.
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MATERIAL SAFETY DATA SHEET

2649

AMBERLITE® XAD-4

CHEMICAL NAME & SYNONYMS

Amberlite® XAD-4 Nonionic Polymeric Adsorbent

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

Amberlite® XAD-4

Polymeric Adsorbent 50-55%

Water 45-50%

REPORTABLE QUANTITY

N/A

N/A

F.W.

N/A

18.02

CAS#

37380-42-0

7732-18-5

PHYSICAL DATA

Insoluble in water; Density 1.06; pH aqueous slurry 7-9; percent volatile 45-50% (water).

APPEARANCE & ODOR

White granules, 20-60 mesh.

REACTIVITY & CONDITIONS TO AVOID

Stable. Avoid temperatures above 190°C. Incompatible with strong oxidizing agents and concentrated nitric acid. Hazardous polymerization does not occur.

FIRE HAZARDS

Under fire conditions it will decompose emitting toxic fumes. Firefighters wear SCBA. NFPA # 1-1-0.

EXTINGUISHER

Fight surrounding fire

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Primary hazard is slipping hazard if spilled. May be slightly irritating to eyes. Skin contact is not likely to be irritating. Single dose oral toxicity is considered to be extremely low. No adverse effects are expected from inhalation. No known chronic effects. OSHA PEL/ACGIH TLV not established. LD₅₀ (oral-rat) >5000 mg/kg. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear safety glasses. Use protective gloves if handling for an extended period of time or if hands are cut or scratched. Avoid repeated freeze-thaw cycles; granules may fracture.

FIRST AID

Wash contact area thoroughly with water. Only mechanical effects expected for eyes. Get medical attention if irritation develops. No emergency medical treatment is necessary for ingestion or inhalation.

SPILLS & LEAKS

Sweep spill and collect for disposal. Responders should be aware of slip hazard. Disposal by incineration or other suitable method.

CATALOG #

2649

PREPARED BY

MDM

DATE

March 9, 2006