

MATERIAL SAFETY DATA SHEET

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SECTION I IDENTIFICATION

TRADE NAME : Polybutene 40H
CHEMICAL NAME : Polybutene
FORMULA : $(C_4H_8)_n$
CAS REGISTRY NO. : 9003-29-6
TSCA INVENTORY STATUS : Listed

SECTION II PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE AT 15°C AND 1 ATM : Liquid
BOILING POINT AT 1 ATM : Over 200°C
VAPOR DENSITY (AIR=1) : Not Pertinent
SOLUBILITY IN WATER : Negligible. Below 0.1%
SPECIFIC GRAVITY(D15°C/4°C) : 0.88-0.91
APPEARANCE AND ODOR : Colorless Liquid
VISCOSITY : 774-945 cSt at 210°F

SECTION III FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (C.C.C) : 220°C min.
FLAMMABLE LIMITS : LOWER - No data available
UPPER - No data available
EXTINGUISHING MEDIA : Carbon dioxide, Dry chemical or Foam
FIRE EXTINGUISHING AGENTS NOT TO BE USED : Water may be ineffective.

SECTION IV HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : No Data Available.

INHALATION : No appreciable health hazards identified.

EYE CONTACT : No appreciable health hazards identified.

SKIN CONTACT : No appreciable health hazards identified.

INGESTION : Expected to be relatively non-toxic. LD₅₀ (MOUSE) ; over 58.9g/kg

SECTION V EMERGENCY AND FIRST AID PROCEDURES

INHALATION : If adverse effects occur, remove to uncontaminated area with fresh air.

EYE CONTACT : Rinse with plenty of clean water. If necessary, obtain medical attention.

SKIN CONTACT : Wash with soap and warm water.

INGESTION : If a large amount is swallowed, obtain medical attention.

SECTION VI REACTIVITY DATA

STABILITY : Stable.

CONDITIONS TO AVOID : Heat, sparks and open flame.

HAZARDOUS DECOMPOSITION PRODUCT : None. Incomplete burning may produce carbon monoxide, carbon dioxide and other harmful products.

HAZARDOUS POLYMERIZATION : Will not occur.

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED :

Wipe off with paper, cloth or other absorbent or remove mechanically. Treat as an oil spill. Kill all ignition sources. Stop release. Prevent entry to sewers and public waters. Notify fire and/or environmental authorities.

WASTE DISPOSAL METHOD :

Comply with governmental or local regulations for disposal. Controlled incineration in a proper furnace is recommended unless directed otherwise by applicable laws.

EMPTY CONTAINERS :

The container for this product may present fire hazards, even when emptied. Do not cut, puncture or weld on or near the container, in order to avoid risk of injury.

SECTION VIII SPECIAL PROTECTION INFORMATION

- VENTILATION : Ordinarily not required. However, use of adequate ventilation is good industrial practice.
- SKIN PROTECTION : Ordinarily not required. However, use of adequate protective gloves/clothing is good industrial practice.
- EYE PROTECTION : Ordinarily not required. However, use of adequate eye protection is good industrial practice.

GENERAL COMMENTS :

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself.

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness.

The conditions or procedures for handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge.

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