EXXATE 600 SOLVENT

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: EXXATE 600 Solvent
CHEMICAL NAME: Acetate ester; C6 alcohol, branched
CHEMICAL FAMILY: Ester
PRODUCT DESCRIPTION: Clear colorless liquid with sweet ester odor

CONTACT ADDRESS:
EXXON CHEMICAL COMPANY
P.O. BOX 3272, HOUSTON, TEXAS 77253-3272

** EMERGENCY TELEPHONE NUMBERS: (24 Hours) **
** CHEMTRAC (800) 424-9300 **
** EXXON CHEMICAL COMPANY (800) 726-2015 **

NON EMERGENCY TELEPHONE NUMBERS : (8am-5pm M-F)
FOR HEALTH AND SAFETY INFORMATION CALL : (281) 870-6884
FOR GENERAL PRODUCT INFORMATION CALL : (281) 870-6000

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

This product is hazardous as defined in 29 CFR1910.1200.
OSHA HAZARD
Combustible
Eye Irritant

SECTION 3 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS
EYE CONTACT:
Irritating, but does not injure eye tissue.

SKIN CONTACT:
Low order of toxicity.
Frequent or prolonged contact may irritate and cause dermatitis.
Occasional brief contact with the liquid will not result in significant irritation unless evaporation is impeded.

INHALATION:
Low order of toxicity.
Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects.

INGESTION:
Minimal toxicity.
Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchiopneumonia or pulmonary edema.

SECTION 4 FIRST AID MEASURES

EYE CONTACT:
Flush eyes with large amounts of water until irritation subsides.

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irritation persists, get medical attention.

SKIN CONTACT:
Immediately flush with large amounts of water; use soap if available. Remove contaminated clothing, including shoes, after flushing has begun.

INHALATION:
Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

INGESTION:
If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

SECTION 5 FIRE-FIGHTING MEASURES

FLASHPOINT: 135 Deg. F. METHOD: TCC ASTM D56
FLAMMABLE LIMITS: LEL: 1.0 UEL: 8.0 % 61 Deg. F.
AUTOIGNITION TEMPERATURE: 561 Deg. F.

GENERAL HAZARD
Combustible liquid, can form combustible mixtures at temperatures at or above the flashpoint.
Static discharge, material can accumulate static charges which can cause an incendiary electrical discharge.
"Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

FIRE FIGHTING
Use water spray to cool fire exposed surfaces and to protect personnel.
Isolate "fuel" supply from fire.
Use foam, dry chemical, or water spray to extinguish fire.
Avoid spraying water directly into storage containers due to danger of boilover.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS
No unusual

SECTION 6 ACCIDENTAL RELEASE MEASURES

LAND SPILL
Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting (see Section 15 REGULATORY INFORMATION) notify the National Response Center.
Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust.
Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent.
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
WATER SPILL
Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear.
Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters.
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

SECTION 7 STORAGE AND HANDLING

ELECTROSTATIC ACCUMULATION HAZARD:
Yes, use proper bonding and/or grounding procedure.
Additional information regarding safe handling of products with static accumulation potential can be obtained by contacting the American Petroleum Institute (API) for API Recommended Practice 2003, entitled "Protection Against Ignitions Arising Out of Static Lighting, and Stray Currents" (American Petroleum Institute, 1220 L Street Northwest, Washington, DC 20005), or the National Fire Protection Association (NFPA) for NFPA 77 entitled "Static Electricity" (National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101).

STORAGE TEMPERATURE, °F: Ambient
LOADING/UNLOADING TEMPERATURE, °F: Ambient
STORAGE/TRANSPORT PRESSURE, mmHg: Atmospheric
LOADING/UNLOADING VISCOSITY, cSt: 1.2

STORAGE AND HANDLING:
Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials.
Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight.
Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures.
Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do NOT reuse empty containers without commercial cleaning or reconditioning.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS
The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a lab hood. Provide mechanical ventilation of confined spaces. See respiratory protection recommendations.

PERSONAL PROTECTION
For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves.
Where contact may occur, wear safety glasses with side shields.
Where concentrations in air may exceed the limits given in this Section and engineering, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.
MATERIAL SAFETY DATA SHEET
EXXON CHEMICAL COMPANY
A Division of EXXON CORPORATION

EXXATE 600 SOLVENT

WORKPLACE EXPOSURE GUIDELINES
EXXON RECOMMENDS THE FOLLOWING OCCUPATIONAL EXPOSURE LIMITS:
50 ppm for Hexyl Acetate vapor and 10 mg/m³ for Hexyl Acetate aerosol.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY, at 'F:
0.87 at 68
SOLUBILITY IN WATER, wt. % at 'F:
0.02 at 77
SP. GRAV. OF VAPOR, at 1 atm (Air=1):
5.00
EVAPORATION RATE, n-Bu Acetate=1:
0.2

VAPOR PRESSURE, mmHg at 'F:
1.4 @ 68
VISCOITY OF LIQUID, cSt at 'F:
1.4 at 77
FREEZING/MELTING POINT, 'F:
Less than ambient
BOILING POINT, 'F:
327 to 349

SECTION 10 STABILITY AND REACTIVITY

STABILITY:
Stable

CONDITIONS TO AVOID INSTABILITY:
Not applicable

HAZARDOUS POLYMERIZATION:
Will not occur

CONDITIONS TO AVOID HAZARDOUS POLYMERIZATION:
Not applicable

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY:
Caustics, strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:
None

SECTION 11 TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

SECTION 12 ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION 13 DISPOSAL CONSIDERATIONS

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

SECTION 14 TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT):
DOT SHIPPING DESCRIPTION: COMBUSTIBLE LIQUID, N.O.S., (HEXYL ACETATE), COMBUSTIBLE LIQUID, NA 1983, III
Note: In containers of 119 gallons capacity or less this product is not regulated by DOT.

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SECTION 15 REGULATORY INFORMATION

TSCA:
This product is listed on the TSCA Inventory at CAS Registry Number 88230-35-7

CERCLA:
If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III:
Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories: Immediate health, Fire.
This information may be subject to the provisions of the Community Right-to-Know Reporting Requirements (40 CFR 370) if threshold quantity criteria are met.

SECTION 16 OTHER INFORMATION

NOTES:

HAZARD RATING SYSTEMS:
This information is for people trained in:
National Paint & Coatings Association's (NPCA) Hazardous Materials Identification System (HMIS)
National Fire Protection Association (NFPA 704)
Identification of the Fire Hazards of Materials
NPCA-HMIS NFPA 704
HEALTH 2 1
FLAMMABILITY 2 2
REACTIVITY 0 0

KEY
4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

REVISION SUMMARY:
Since May 23, 1996 this MSDS has been revised in Section(s):
7

REFERENCE NUMBER:
HDHA-C-10006

SUPERSEDES ISSUE DATE:
May 23, 1996

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