

# MATERIAL SAFETY DATA SHEET



4700 W. 160th Street  
 P.O. Box 35906  
 Cleveland, Ohio 44135  
 Emergency Tel. No.:  
 (303) 623-5716 Collect

## OATEY PURPLE PRIMER/CLEANER

Latest Revision Date...03/21/90

Date of Issue.....08/05/91

### SECTION 1

### IDENTITY OF MATERIAL

TRADE NAME..... CLEANER/PRIMER-005 OATEY PURPLE PRIMER/CLEANER  
 PRODUCT NUMBERS... 30780-4 oz., 30783-8 oz., 30796-16 oz., 30806-32 oz., 30768-Gal.  
 FORMULA..... CH(3)CO(2)H(5)+CH(2)CH(2)CH(2)CH(2)O+CH (3)CO  
 CHEMICAL FAMILY... Ketone/Ether  
 SYNCHYMS..... Methyl Ethyl Ketone, Tetrahydrofuran, Cyclohexanone, Acetone

### SECTION 2

### HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS NUMBER	SEC 313
Methyl Ethyl Ketone	75-80%	78-93-3	Yes
Tetrahydrofuran	1-3%	109-99-9	No
Acetone	12-24%	67-64-1	Yes
Violet Dye	<1%	81-68-1	No
Cyclohexanone	3-10%	108-94-1	No
Red Dye	<1%	4477-79-6	No

### SECTION 3

### KNOWN HAZARDS UNDER 29 CFR 1910.1200

HAZARDS	YES	NO	HAZARDS	YES	NO
Compressible Liquid		X	Skin Hazard	X	
Flammable Liquid	X		Eye Hazard	X	
Pyrophoric Material		X	Toxic Agent	X	
Explosive Material		X	Highly Toxic Agent		X
Unstable Material		X	Sensitizer		X
Water Reactive Material		X	Kidney Toxin		X
Oxidizer		X	Reproductive Toxin	X	
Organic Peroxide		X	Blood Toxin		X
Corrosive Material		X	Nervous System Toxin	X	
Compressed Gas		X	Lung Toxin	X	
Irritant	X		Liver Toxin		X
Carcinogen NTP/IARC/OSHA		X			

### SECTION 4

### REGULATIONS

CHEMICAL	TLV (TWA)	PEL	STEL
Tetrahydrofuran	200 ppm, 590 mg/cu m	200 ppm, 590 mg/cu m	250 ppm 735 mg/cu m
Acetone	750 ppm, 1780 mg/cu m	1000 ppm, 2400 mg/cu m	1000 ppm, 2375 mg/cu m
Cyclohexanone	25 ppm, 100 mg/cu m (skin)	50 ppm, 200 mg/cu m	100 ppm, 400mg/cu m
Methyl Ethyl Ketone	200 ppm, 590 mg/cu m	200 ppm, 590 mg/cu m	300 ppm, 885 mg/cu m

### SECTION 5

### REGULATED IDENTIFICATION

DOT PROPER SHIPPING NAME..... CONSUMER COMMODITY ORM-D (For gallons: Flammable Liquid N.O.S. Contains cyclohexanone, methyl ethyl ketone UN 1993) Cleaner/Primer-005  
 DOT HAZARD CLASS..... Flammable Liquid  
 SHIPPING ID NUMBER..... UN 1993  
 EPA HAZARDOUS WASTE ID NUMBER... U-213 & F-005  
 EPA HAZARD WASTE CLASS..... Ignitable Waste/Toxic Waste

### SECTION 6

### EFFECTS OF EXPOSURE

ENTRY ROUTE..... INHALE - YES INGEST - YES SKIN - YES EYE - YES  
 INHALATION..... May cause irritation of mucous membranes, nose & throat, headache, dizziness, nausea, numbness of the extremities and narcosis in high concentrations. Has caused CNS depression & liver damage in animals, and concentrations of 1000-3000 ppm caused retardation of fetal development in rats.  
 SKIN..... Chronic contact or chronic exposure to vapors of high concentration may cause irritation & dermatitis. May possibly be absorbed through the skin.  
 EYE..... Vapors or direct contact may irritate.  
 INGESTION..... May be aspirated into the lungs or cause systemic effects as with inhalation.  
 TARGET ORGANS... Eye, Skin, Lung, Central Nervous System

### SECTION 7

### EMERGENCY AND FIRST AID PROCEDURES - 303/623-5716 COLLECT

SKIN..... If irritation arises, wash thoroughly with soap and water. Seek medical attention if irritation persists.  
 ES..... If fumes cause irritation, move to fresh air and irrigate eyes with water for 15 minutes. If irritation persists, seek medical attention. If eye is struck with wire, seek medical attention.  
 INHALATION... Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately.  
 INGESTION... Drink water and call a poison control center or physician immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

(Continued on reverse side)

OATEY PURPLE PRIMER/CLEANER

PHYSICAL AND CHEMICAL PROPERTIES

SECTION 8

HAZARD SIGNAL.....	HEALTH	1	STABILITY	0	FLAMMABILITY	3	SPECIAL	NONE
BOILING POINT.....	133 Degrees F	/	56 C					
MELTING POINT.....	N/A							
VAPOR PRESSURE.....	70 mmHg @20 Degrees psi							
VAPOR DENSITY (AIR = 1).....	2.0							
VOLATILE COMPONENTS.....	100%							
SOLUBILITY IN WATER.....	28 parts							
WATER SOLUBILITY.....	N/A							
SPECIFIC GRAVITY.....	0.79							
EVAPORATION RATE.....	(BUAC = 1) = 6.0 - 8.0							
APPEARANCE.....	Purple Liquid							
ODOR.....	Sharp, penetrating odor.							
SOLUBLE IN.....	Water/organic solvents							
PHYSICAL STATE.....	Liquid							

SECTION 9

FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY..... LEL = 2.0 % Volume UEL = 13.0 % Volume

FLASHPOINT AND METHOD USER..... 0 - 5 Degrees, F / PMCC

STABILITY..... Stable

HAZARDOUS POLYMERIZATION..... Will Not Occur

INCOMPATIBILITY/MAT. TO AVOID..... Acids, oxidizing materials, alkalis, chlorinated inorganics (potassium, calcium and sodium hypochlorite); copper or copper alloys.

SPECIAL FIRE FIGHTING PROCEDURES... FOR SMALL FIRES: Use dry chemical, CO2, water or foam extinguisher. FOR LARGE FIRES: Evacuate area and call Fire Department immediately.

HAZARDOUS DECOMP. P.D.T.S.: Carbon monoxide/ carbon dioxide/hydrogen chloride/smoke.

CONDITIONS TO AVOID: none

SECTION 10

SPILL AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES... Ventilate area, stop leak if it can be done without risk. Take up with sand, earth, or other non-combustible absorbent.

WASTE DISPOSAL..... Dispose of according to local, state, and federal regulations.

SECTION 11

SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES... EYES: Safety Glasses with side shields. RESPIRATORY: NIOSH-Approved cannular respirator in absence of adequate ventilation. GLOVES: Rubber Gloves OTHER: Eye wash and safety shower should be available.

ATTENTION..... GENERAL MECHANICAL: Exhaust ventilation capable of maintaining emissions at the point of use below PEL. LOCAL EXHAUST: Open doors & windows. If used in enclosed area, use exhaust fans.

PRECAUTIONS..... HANDLING & STORAGE: Keep away from heat, sparks and flames; store in cool, dry place. OTHER: Containers, even empties will contain residue and vapors.

SECTION 12

MANUFACTURER OR SUPPLIER DATA

PREPARED BY..... GABRIELLA BITZ, R&D Chemist

FORM NAME & MAILING ADDRESS..... OATEY COMPANY, 4700 W. 160th Street, P.O. Box 35906 Cleveland, Ohio, 44135

OATEY PHONE NUMBER..... (216) 267-7100

EMERGENCY PHONE NUMBER..... For Emergency First Aid call (303) 623-5715 COLLECT. For chemical transportation emergencies ONLY, call Chemtrec At 1-800-424-9300

SECTION 13

DISCLAIMER

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