SECTION 8
PHYSICAL AND CHEMICAL PROPERTIES

NYRA HAZARD SIGNAL........ HEALTH
ROLLING POINT.............. 133 Degrees F / 56 C
MELTING POINT.............. N/A
VAPOR PRESSURE............... 70 mmhg @ 20 Degrees C
VAPOR DENSITY (AIR = 1)... 2.0
VOLATILE COMPONENTS........ 100%
SOLUBILITY IN WATER........ 20 parts
P/H.............. N/A
SPECIFIC GRAVITY........... 0.79
EVAPORATION RATE......... (BNAC = 1) = 6.0 - 8.0
APPEARANCE.............. Purple Liquid
ODOR........................ Sharp, penetrating odor.
WILL DISINCRIBE IN...... Water, organic solvents
MATERIAL FA.... Liquid

SECTION 9
FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY............. LEL = 2.0 % Volume UEL = 13.0 % Volume
Flashpoint and Method Used... 0 - 5 Degrees F. / FMOC
STABILITY..................... Stable CONDITIONS TO AVOID: Heat, sparks and open flame. HAZARDOUS DECOMP. POST.
INCOMPATIBILITY/MIXTURE TO AVOID........ Acids, oxidizing materials, alkalis, chlorinated inorganics (potassium, calcium and
sodium hypochlorite), copper or copper alloys.

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 canister respirator in
absence of adequate ventilation. GLOVES: Rubber Gloves OTHER: Eye wash and safety shower should be available.

VENTILATION.................. 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:
Contaminated, even contents will retain residue and vapors.

SECTION 12
MANUFACTURER OR SUPPLIER DATA

FIRM NAME & MAILING ADDRESS... OATEY CO., 4700 W. 160th Street, P.O. Box 35609 Cleveland, Ohio 44135
OATEY PHONE NUMBER......... (216) 267-7100
EMERGENCY PHONE NUMBER....... For Emergency First Aid call (303) 623-5716 COLLECT For chemical transportation emergencies
ONLY, call Chemtree at 1-800-424-9300

SECTION 13
DISCLAIMER

The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, Oatey cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assume any liability for its use.
OATEY PURPLE PRIMER/CLEANER

Section 1
IDENTITY OF MATERIAL

TRADE NAME: OATEY PURPLE PRIMER/CLEANER
PRODUCT NUMBERS: 1076, 30786, 30788, 10796, 30806
FORMULA: CH(3)COOC(2)H(5)CH(2)CH(2)CH(2)CH(2)CO + CH(3)CO
SYNONYMS: Methyl Ethyl Ketone, Tetrahydrofuran, Cyclohexanone, Acetone

Section 2
HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>%</th>
<th>CAS NUMBER</th>
<th>SEC 37/3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>70-80%</td>
<td>78-93-3</td>
<td>Yes</td>
</tr>
<tr>
<td>Acetone</td>
<td>10-18%</td>
<td>67-64-1</td>
<td>No</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>&gt;1%</td>
<td>108-94-1</td>
<td>No</td>
</tr>
<tr>
<td>Tetrahydrofuran</td>
<td>&lt;1%</td>
<td>109-99-9</td>
<td>No</td>
</tr>
<tr>
<td>Violet Eye</td>
<td>&lt;1%</td>
<td>81-48-1</td>
<td>No</td>
</tr>
<tr>
<td>Red Eye</td>
<td></td>
<td>4477-79-6</td>
<td>No</td>
</tr>
</tbody>
</table>

Section 3
KNOWN HAZARDS UNDER 29 CFR 1910.1200

HAZARDS

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combustible Liquid</td>
<td>x</td>
</tr>
<tr>
<td>Flammable Liquid</td>
<td>x</td>
</tr>
<tr>
<td>Pyrophoric Material</td>
<td>x</td>
</tr>
<tr>
<td>Explosive Material</td>
<td>x</td>
</tr>
<tr>
<td>Unstable Material</td>
<td>x</td>
</tr>
<tr>
<td>Water Reactive Material</td>
<td>x</td>
</tr>
<tr>
<td>Oxidizer</td>
<td>x</td>
</tr>
<tr>
<td>Organic Peroxide</td>
<td>x</td>
</tr>
<tr>
<td>Corrosive Material</td>
<td>x</td>
</tr>
<tr>
<td>Compressed Gas</td>
<td>x</td>
</tr>
<tr>
<td>Irritant</td>
<td>x</td>
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</table>

Section 4
REGULATION

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>EINECS (EPA)</th>
<th>VEL (Transitional Limits)</th>
<th>STOL</th>
<th>Hazard Action Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>200 ppm, 590 mg/cu m</td>
<td>300 ppm, 80 mg/cu m</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Acetone</td>
<td>750 ppm, 1000 mg/cu m</td>
<td>1000 ppm, 120 mg/cu m</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>25 ppm, 100 mg/cu m (skin)</td>
<td>50 ppm, 200 mg/cu m</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Tetrahydrofuran</td>
<td>200 ppm, 590 mg/cu m</td>
<td>200 ppm, 590 mg/cu m</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

Section 5
REGULATED IDENTIFICATION

DOT PROPER SHIPPING NAME: CONSUMER COMMODITY ORM-D (For gallons: Flammable Liquid N.O.S., Methyl Ethyl Ketone, Acetone) 3, UN1993, PG II, Cleaner/Primer-005
DOT HAZARD CLASS: Flammable Liquid
SHIPPING ID NUMBER: 149862-2 (Gallons Only)
EPA HAZARDOUS WASTE ID NUMBER: C-213 & F-005
EPA HAZARDOUS WASTE CLASS: Ignitable Waste/Toxic Waste

Section 6
EFFECTS OF EXPOSURE

ENTRY ROUTE: INHALATION - YES INGEST - YES SKIN - YES EYE - YES
INHALATION: May cause irritation of mucous membranes, nose & throat, headache, dizziness, nausea, numbness of the extremities and nausea in high concentrations. Has caused CNS depression & liver damage in animals, and concentrations of 1000-3000 ppm causes 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.
EYES: 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.
EYES: If fumes cause irritation, move to fresh air and irrigate eyes with water for 15 minutes. If irritation persists, seek medical attention.
INHALATION: 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)