SAFETY DATA SHEET

HR Multiple black

according to EC Nr. 1907/2006

Date: 12/2015 
Replaced version: 08.19.2019 
Date of impression: 03.12.2015

SECTION 1: DESIGNATION OF PRODUCT AND COMPANY

1.1 Identification of the substance or preparation
HR, Multiple black

1.2 Use of the substance/preparation
Ink for industrial ink jet printers.

1.3 Company/undertaking identification
Pannier Corporation
207 Sandusky Street
Pittsburgh, PA 15212 USA
Phone : 412-323-4900
http://www.pannier.com
e-mail: sales@pannier.com

1.4 Emergency telephone:
Infotrac 24-Hour Emergency Response Number : 1-800-535-5053

SECTION 2: HAZARD IDENTIFICATION

<table>
<thead>
<tr>
<th>Physical hazards</th>
<th>Flammable liquids</th>
<th>Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health hazards</td>
<td>Serious eye damage/eye irritation</td>
<td>Category 1</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>Hazardous to the aquatic environment, long-term hazard</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

OSHA defined hazards
not classified.

Label elements

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Signal word
Danger

Hazard statement
Highly flammable liquid and vapor. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/Bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment. P242 - Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.

Response
P303 + P361 + P353
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370 + P378 In case of fire: Use sand, carbon dioxide (CO2) or dry chemical to extinguish.
P305 + P351 + P338
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.

Storage
P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)
Prolonged or repeated skin contact may cause drying, cracking, or irritation. May produce an allergic reaction.

Supplemental information
Contains tinting agent. May produce an allergic reaction.
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixtures</th>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>&lt;80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>108-94-1</td>
<td>&lt;10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>&lt;7.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black colorant</td>
<td>Proprietary</td>
<td>&lt;7.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amines, C12-18-alkyl, bis[2,4-dihydro-4-[(2-hydroxy-5-nitr ophenyl)azo]-5-methyl-2-phenyl-3H pyrazol-3-onato(2-)]cobaltate</td>
<td>85203-44-7</td>
<td>&lt;1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium</td>
<td>bis[2,4-dihydro-4-[(2-hydroxy-5-nitr ophenyl)azo]-5-methyl-2-phenyl-3H -pyrazol-3-onato(2-)]cobaltate</td>
<td>71839-88-8</td>
<td>&lt;1</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

Inhalation
Move person to fresh air immediately.
If symptoms persist, get immediate medical attention.

Skin contact
In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse.
Get medical attention, if needed.

Eye contact
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention immediately.

Ingestion
Rinse mouth out with water. If the material is swallowed, get immediate medical attention or advice. Do not induce vomiting. Never give anything by mouth to an unconscious person.
Get medical attention immediately.
Most important symptoms/effects, acute and delayed
Not available

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media
Suitable extinguishing media: sand, carbon dioxide (CO2) or dry chemical.

Unsuitable extinguishing media
Not available

Specific hazards arising from the chemical
Not applicable
Special protective equipment and precautions for firefighters
Firefighters should wear full protective clothing including self-contained breathing apparatus. Avoid runoff into storm sewers and ditches which lead to waterways.

Fire-fighting equipment/instructions
Move containers from fire area if you can do it without risk.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material. Ensure adequate ventilation. Remove all sources of ignition. Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

Methods and materials for containment and cleaning up
Not available.

Environmental precautions
Do not flush into surface water or sanitary sewer system.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
Conditions for safe storage, including any incompatibilities
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>PEL</td>
<td>2400 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>PEL</td>
<td>200 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 ppm</td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>PEL</td>
<td>1900 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>STEL</td>
<td>750 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>500 ppm</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>STEL</td>
<td>50 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>20 ppm</td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>STEL</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>TWA</td>
<td>590 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>250 ppm</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>TWA</td>
<td>100 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25 ppm</td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td>TWA</td>
<td>1900 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

Biological limit values
ACGIH biological Exposure Indices

<table>
<thead>
<tr>
<th>Components</th>
<th>Value</th>
<th>Determinant</th>
<th>Specimen</th>
<th>Sampling time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td>50 mg/l</td>
<td>Acetone</td>
<td>Urine</td>
<td>*</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td>80 mg/l</td>
<td>1,2-Cyclohexanediol, with Hydrolysis</td>
<td>Urine</td>
<td>*</td>
</tr>
</tbody>
</table>
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| 8 mg/l | Cyclohexanol, with hydrolysis | Urine | * |

* - For sampling details, please see the source document.

**Exposure guidelines**

US. ACGIH Threshold Limit Values

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants

CYCLOHEXANONE (CAS 108-94-1) Can be absorbed through the skin.

US. Minnesota Hazardous Substances List (Minn. Rules 5206.0400).

Cyclohexanone (CAS 108-94-1) Skin designation applies.

US. NIOSH: Pocket Guide to Chemical Hazards

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A

Cyclohexanone (CAS 108-94-1) Can be absorbed through the skin.

**Appropriate engineering controls**

Not available

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Wear safety glasses; chemical goggles (if splashing is possible).

Eye wash fountain and emergency showers are recommended.

**Skin protection**

**Hand protection**

Wear appropriate chemical resistant gloves.

**Other**

Wear appropriate chemical resistant clothing.

**Respiratory protection**

Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

**Thermal hazards**

Not available.

**General hygiene considerations**

Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing.
When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Physical state not available</td>
</tr>
<tr>
<td>Appearance</td>
<td>Color black</td>
</tr>
<tr>
<td>Odor</td>
<td>solvent</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>not available</td>
</tr>
<tr>
<td>pH</td>
<td>not available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>not available</td>
</tr>
<tr>
<td>Initial boiling point and</td>
<td>not available</td>
</tr>
<tr>
<td>Boiling range</td>
<td>not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>41.0°F (5.0°C) Setaflash Closed Cup</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>not available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>not available</td>
</tr>
<tr>
<td>Flammability limit – lower (%)</td>
<td>not available</td>
</tr>
<tr>
<td>Flammability limit - upper (%)</td>
<td>not available</td>
</tr>
<tr>
<td>Explosive limit - lower (%)</td>
<td>not available</td>
</tr>
<tr>
<td>Explosive limit - upper (%)</td>
<td>not available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>not available</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Solubility (water) not available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>(n-octanol/water) not available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>not available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>not available</td>
</tr>
<tr>
<td>Other information</td>
<td>for other VOC regulatory data/information see Section 15.</td>
</tr>
<tr>
<td>VOC (Weight %)</td>
<td>789 g/l</td>
</tr>
</tbody>
</table>

### SECTION 10: STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>not available</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>stable at normal conditions</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>none known</td>
</tr>
</tbody>
</table>
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Conditions to avoid: heat, flames and sparks.
Incompatible materials: not available
Hazardous decomposition products: not available

SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms related to the physical, chemical and toxicological characteristics
Not available

Information on toxicological effects

Acute toxicity
Based on available data, the classification criteria are not met.

Skin corrosion/irritation
Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation
Causes serious eye damage

Respiratory or skin sensitization

Respiratory sensitization
Based on available data, the classification criteria are not met.

Skin sensitization
Based on available data, the classification criteria are not met.

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

IARC Monographs. Overall Evaluation of Carcinogenicity
Cyclohexanone (CAS 108-94-1): 3 not classifiable as to carcinogenicity to humans.

Reproductive toxicity
Based on available data, the classification criteria are not met.
Specific target organ toxicity
Single exposure: based on available data, the classification criteria are not met.

Specific target organ toxicity
Repeated exposure: based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met

Further information
Complete toxicity data are not available for this specific formulation. Refer to Section 2 for potential health effects and Section 4 for first aid measures.

Components

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>20000 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20 ml/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>76 mg/l, 4 Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.1 mg/l, 8 Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>3000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>5340 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>5800 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>1297 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>5500 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Mouse</td>
<td>39 mg/l, 4 Hours</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>20000 ppm, 10 Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Oral</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Dog</td>
<td>5.5 g/kg</td>
</tr>
<tr>
<td></td>
<td>Guinea pig</td>
<td>5.6 g/kg</td>
</tr>
<tr>
<td></td>
<td>Mouse</td>
<td>3450 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>6.2 g/kg</td>
</tr>
</tbody>
</table>
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Other LD50

Mouse  933 mg/kg
Rat  1440 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
LC50/96h/rainbow trout = <100 mg/l and >10 mg/l.

Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone (CAS 67-64-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia magna)</td>
<td>21.6 - 23.9 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Rainbow trout, donaldson trout (Oncorhynchus mykiss)</td>
<td>4740 - 6330 mg/l, 96 hours</td>
</tr>
<tr>
<td>Cyclohexanone (CAS 108-94-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>481 - 578 mg/l, 96 hours</td>
</tr>
<tr>
<td>Ethanol (CAS 64-17-5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crustacea EC50</td>
<td>Water flea (Daphnia magna)</td>
<td>7.7 - 11.2 mg/l, 48 hours</td>
</tr>
<tr>
<td>Fish LC50</td>
<td>Fathead minnow (Pimephales promelas)</td>
<td>&gt; 100 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability not available
Bioaccumulative potential not available

Partition coefficient n-octanol / water (log Kow)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>-0.24</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>0.81</td>
</tr>
<tr>
<td>Ethanol</td>
<td>-0.31</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>not available</td>
</tr>
<tr>
<td>Other adverse effects</td>
<td>not available</td>
</tr>
</tbody>
</table>
SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions
Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.

SECTION 14: TRANSPORT INFORMATION

DOT
UN number UN 1263
UN proper shipping name Paint, flammable (Ethanol, Acetone)
Transport hazard class(es) Class 3
Subsidiary risk -
Packaging group II
Special precautions for user not available
DOT supplemental information DOT classification only applies to shipments within the US and Puerto Rico.

IATA
UN number UN 1263
UN proper shipping name Paint, flammable (Etanol, Acetone)
Transport hazard class(es) Class 3
Subsidiary risk -
Packaging group II
Environmental hazards no
Special precautions for user not available

IMDG
UN number UN 1263
UN proper shipping name Paint, flammable (Ethanol, Acetone)
Transport hazard class(es) Class 3
Subsidiary risk -
Packaging group II
Environmental hazards Marine pollutant no
EmS not available
Special precautions for user not available
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<table>
<thead>
<tr>
<th>ADR</th>
<th>Paint, flammable (Ethanol, Acetone)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard class</td>
<td>3</td>
</tr>
<tr>
<td>UN number</td>
<td>UN 1263</td>
</tr>
<tr>
<td>Packing group</td>
<td>II</td>
</tr>
</tbody>
</table>

**DOT**

**IATA; IMDG**

**ADR**

**SECTION 15: REGULATORY INFORMATION**

**US federal regulations**

US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

- Acetone (CAS 67-64-1)  
  Listed
- Cyclohexanone (CAS 108-94-1)  
  Listed
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SARA 304 Emergency release notification
Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate hazard yes
Delayed hazard no
Fire hazard yes
Pressure hazard no
Reactivity hazard no

SARA 302 Extremely hazardous substance
Not listed

SARA 311/312
Hazardous chemical
no

Other federal regulations
Safe Drinking Water Act (SDWA)  not regulated

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Acetone (CAS 67-64-1)  6532

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Acetone (CAS 67-64-1)  35 %WV

DEA Exempt Chemical Mixtures Code Number
Acetone (CAS 67-64-1)  6532

US state regulations
US. Massachusetts RTK - Substance List
Acetone (CAS 67-64-1)
Cyclohexanone (CAS 108-94-1)
Ethanol (CAS 64-17-5)

US. New Jersey Worker and Community Right-to-Know Act
Acetone (CAS 67-64-1)
Cyclohexanone (CAS 108-94-1)
Ethanol (CAS 64-17-5)
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US. Pennsylvania Worker and Community Right-to-Know Law
Acetone (CAS 67-64-1)
Cyclohexanone (CAS 108-94-1)
Ethanol (CAS 64-17-5)

US. Rhode Island RTK
Acetone (CAS 67-64-1)
Cyclohexanone (CAS 108-94-1)

US. California Proposition 65
Not listed

Other information
VOC content (less water, less exempt compounds) = 789 g/L (U.S. requirement, not for emissions)
VOC data based on formulation (Organic compounds minus solids)

Regulatory information
All chemical substances in this product have been notified or are exempt from notification under
chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS),
Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and
China.

SECTION 16: OTHER INFORMATION

Disclaimer
This Safety Data Sheet document is provided without charge to customers. Data is the most current
known at the time of preparation of this document and is believed to be accurate. It should not be
construed as guaranteeing specific properties of the products as described or suitability for a particular
application. This document was prepared to the requirements of the jurisdiction specified in Section 1
above and may not meet regulatory requirements in other countries.

Explanation of abbreviations
ACGIH  American Conference of Governmental Industrial Hygienists
CAS   Chemical Abstracts Service
CERCLA Comprehensive Environmental Response Compensation and Liability Act
CFR   Code of Federal Regulations
COC   Cleveland Open Cup
DOT   Department of Transportation
EPCRA Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC  International Agency for Research on Cancer
NIOSH National Institute for Occupational Safety and Health
NTP   National Toxicology Program
OSHA  Occupational Safety and Health Administration
PEL   Permissible Exposure Limit
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RCRA  Resource Conservation and Recovery Act
REC   Recommended
REL   Recommended Exposure Limit
SARA  Superfund Amendments and Reauthorization Act of 1986
STEL  Short-Term Exposure Limit
TCLP  Toxicity Characteristics Leaching Procedure
TLV   Threshold Limit Value
TSCA  Toxic Substances Control Act
VOC   Volatile Organic Compounds