

Product name:	Plasticiser WVC 3800
MSDS number:	508
Material number:	80508
Published date:	11/17/2005

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product: Plasticizer WVC 3800
MSDS number: 508
Material number: 80508

Celanese Pte Ltd
111 Somerset Road
Singapore Power Building #02-02/03
Singapore 238164
Tel No: (65) 6733 1767

Transportation emergency phone numbers:
+ (65) 66639259 (Operations Room direct dial)
+ (65) 62656917 (Operations Room direct dial)
+ (65) 62650177 (Switchboard, ask for Operations Room)

or fax request to
+(65) 62644190 (Facsimile to Operations Room)
+(65) 62664696 (Facsimile to Operations Room)

or email to
opsroom@semco.psa.com.sg

or Call CHEMTREC 703 527 3887 (USA), collect calls accepted
"+" = International Dialing Access Code

2. Composition / Information on Ingredients

3. Hazards Identification

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Emergency Overview:

WARNING!

- May cause skin and eye irritation.
- May cause allergic skin reaction.
- Possible birth defect hazard. Contains material which may cause birth defects based on animal data.
- Reproductive hazard. Contains material which may cause adverse reproductive effects based on animal data.

Product Description

Appearance: Slightly yellow liquid.
Odor: Slight, original odor.

Potential health effects

Routes of exposure: Skin, eyes, inhalation, ingestion.

Immediate effects:

Skin: Only slightly irritating to the skin. May cause allergic skin reaction. Symptoms of exposure may include: Crusting, scaling, weeping and itching of skin.

Eyes: May cause eye irritation. Symptoms of exposure may include: Eye irritation or burning sensation.

Inhalation: No adverse health effects have been observed.

Ingestion: Essentially non-toxic. May cause reproductive and developmental toxicity based on animal data via oral exposure.

Delayed / long-term effects: No information.

Reproductive: May cause adverse reproductive effects based on animal data.

Carcinogenic: No evidence of carcinogenicity.

Mutagenic: No evidence of mutagenicity.

Teratogenic: May cause birth defects based on animal data.

Target organ effects:

- Overexposure (prolonged or repeated exposure) may cause:
 - Kidney damage
 - Liver damage
 - Allergic reaction and local irritation of the skin

Medical conditions which may be aggravated by exposure: Significant exposure to this chemical may adversely affect people with acute or chronic disease of the:
Skin
Liver
Kidneys

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For further information, see: Section 4 - First Aid Measures
Section 5 - Fire Fighting Measures
Section 6 - Accidental Release Measures
Section 8 - Exposure Controls/Personal Protection
Section 9 - Physical and Chemical Properties
Section 10 - Stability and Reactivity

4. First Aid Measures

Skin: Immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Call a physician if symptoms occur. Wash clothing before reuse. Destroy contaminated shoes.

Eyes: Flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get medical attention.

Ingestion: If large quantities of this material are swallowed, call a physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. Get medical attention.

5. Fire Fighting Measures

NFPA: Health: 1 Flammability: 0 Reactivity: 0

Flammable properties

Flash point (test method): 207 C (EN 22719)

Flammable limits in air, % by volume:

Autoignition temperature: 345 C

Products of combustion: Carbon Monoxide.

Extinguishing Media: Use CO₂ or dry chemical for small fires. Use aqueous film forming foam for large fires.

Fire Fighting Instructions: Water spray should be used to cool fire-exposed structures and vessels. Water or foam may cause frothing. Keep personnel removed from and upwind of fire. If potential for exposure to vapors or products of combustion exists, wear full fire fighting turnout gear and NIOSH approved self-contained breathing apparatus. Oxidizing chemicals may accelerate the burning rate in a fire situation.

Fire Fighting Environmental Concerns: Thoroughly decontaminate bunker gear and other fire-fighting equipment before re-use.

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6. Accidental Release Measures

Spill or Leak Instructions

See Section 8 for appropriate personal protective equipment. Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

7. Handling and Storage

Handling:

Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Storage:

Keep all containers tightly closed when not in use. Store out of direct sunlight and on an impermeable floor. Do not store with incompatible materials. See Section 10. Stability and Reactivity.

8. Exposure Controls / Personal Protection

Engineering Controls:

General or dilution ventilation is frequently insufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred.

Protective Equipment

A safety shower and eyebath should be readily available.

Skin protection:

Wear impervious clothing and gloves to prevent contact. Nitrile rubber is recommended. Other protective material may be used, depending on the situation, if adequate degradation and permeation data is available. If other chemicals are used in conjunction with this chemical, material selection should be based on protection for all chemicals present.

Eye/face protection:

Wear chemical goggles when there is a reasonable chance of eye contact.

Respiratory protection:

Based on workplace contaminant level and working limits of the respirator, use a respirator approved by NIOSH.

Exposure guidelines

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9. Physical and Chemical Properties

Appearance: Slightly yellow liquid.

Odor: Slight, original odor.

Vapor Pressure: <0.01 hPa

Boiling Point (760 mmHgA): 408 C

Density: .95 g/cm³ @ 20 C

10. Stability and Reactivity

Stability: Stable.

Conditions to Avoid: None known.

Incompatibility: Keep away from sulfuric and other strong inorganic acids, aluminum or lead (including equipment made of these metals), and oxidizing agents such as peroxides, nitric acid, perchloric acid or chromium trioxide.

Hazardous Combustion or Decomposition Products: Thermal decomposition products may include oxides of carbon.

Hazardous Polymerization: Hazardous polymerization will not occur.

Note: The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Celanese Ltd. makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards.

11. Toxicological Information

Component Toxicological Information

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12. Ecological Information

Component Ecological Information

13. Disposal Considerations

Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

14. Transport Information

US Department of Transportation:

Shipping name: Plasticizer WVC 3800 (Not Regulated Material)
Hazard class: Not regulated

ICAO/IATA:

Hazard Classification: Not Regulated.

IMDG:

Hazard Class: Not Regulated.
Flash point (test method): 207 C (EN 22719)

Transport Canada

Class: Not Regulated

15. Regulatory Information

INTERNATIONAL REGULATIONS

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International Chemical Inventory

Listed on the chemical inventories of the following countries or qualifies for an exemption:
.CHINA,CANADA,.KOREA,PHILIPPINES.

16. Other Information

Prepared by: Product Stewardship Department
Celanese Ltd.

Hazard ratings This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

NFPA: Health: 1 Flammability: 0 Reactivity: 0

HMIS: Health: 1* Flammability: 0 Reactivity: 0

Revisions: The following sections have been revised since the last issue of this MSDS.

Footer: Product Information number

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. Celanese makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Material safety data sheets are provided on the Internet by Celanese as a service to its customers. Possession of an Internet MSDS does not indicate that the possessor of the MSDS was a purchaser or user of the subject product.