

SECTION 1: PRODUCT AND COMPANY INFORMATION

| | |
|--------------------------------------|---|
| Product Name: | VP 650 |
| Supplier: | Walter USA N22 W23855 RidgeView Parkway W. Waukesha WI 53188 |
| Telephone: | (800) 945-5554 |
| Fax: | (262) 347-2500 |
| Email: | service.us@walter-tools.com |
| In case of Emergency: | DOMESTIC NORTH AMERICA CHEMTREC, U.S 800-424-9300 INTERNATIONAL 703-527-3887 (24/7) |
| Other Means of Identification | Not available |
| Product Code | Not available |
| Product Type | Liquid |
| Identified Uses | Soluble oil that machines cast iron, nodular iron and steel. |

SECTION 2: HAZARD IDENTIFICATION

OSHA/HCS status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Classification SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
TOXIC TO REPRODUCTION - Effects on or via lactation
AQUATIC HAZARD (ACUTE) - Category 2
AQUATIC HAZARD (LONG-TERM) - Category 2

GHS Label

Hazard pictogram



Signal word Warning

Hazard Statement H319 - Causes serious eye irritation.
H315 - Causes skin irritation.
H362 - May cause harm to breast-fed children.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements

- Prevention P201 - Obtain special instructions before use.
 P280 - Wear protective gloves. Wear eye or face protection.
 P273 - Avoid release to the environment.
 P263 - Avoid contact during pregnancy or while nursing.
 P270 - Do not eat, drink or smoke when using this product.
 P264 - Wash hands thoroughly after handling.
- Response P391 - Collect spillage.
 P308 + P313 - IF exposed or concerned: Get medical attention.
 P302 + P352 + P362-2 + P363 - IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
 P332 + P313 - If skin irritation occurs: Get medical attention.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 - If eye irritation persists: Get medical attention.
- Storage Not applicable
- Disposal P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified (HNOC)

- Physical hazards not otherwise classified (PHNOC) None known.
- Health hazards not otherwise classified (HHNOC) None known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture
Other Means of Identification: Not available

CAS number: Not applicable
Product code: Not available

| Components/Ingredients | CAS No. | % |
|---|------------|--------|
| Sulfonic acids, petroleum, sodium salts | 68608-26-4 | 5 - 10 |
| Alkanes, C14-17, chloro | 85535-85-9 | 1 - 5 |
| Alcohols, C10-16, ethoxylated propoxylated | 69227-22-1 | 1 - 5 |
| Hexahydro-1,3,5-tris(3-methoxypropyl)-1,3,5-triazine | 3960-05-2 | 1 - 5 |
| 2-Methylpentane-2,4-diol | 107-41-5 | 1 - 5 |
| 2,2',2''-Nitrilotriethanol | 102-71-6 | 1 - 5 |
| Glycols, polyethylene, mono((1,1,3,3-tetramethylbutyl)phenyl) ether | 9036-19-5 | 1 - 5 |

| | | |
|----------------------|-----------|---------|
| Potassium hydroxide | 1310-58-3 | 0.1 - 1 |
| 3-methoxypropylamine | 5332-73-0 | 0.1 - 1 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

Skin Contact Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Maintain an open airway. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye Contact Causes serious eye irritation.
- Skin Contact Causes skin irritation.
- Ingestion Irritating to mouth, throat and stomach.
- Inhalation Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Over-exposure signs/symptoms

- Eye Contact** Adverse symptoms may include the following:
pain or irritation, watering, redness
- Skin Contact** Adverse symptoms may include the following:
Irritation, redness, reduced fetal weight, increase in fetal deaths, skeletal malformations
- Ingestion** Adverse symptoms may include the following:
reduced fetal weight, increase in fetal deaths, skeletal malformations
- Inhalation** Adverse symptoms may include the following:
reduced fetal weight, increase in fetal deaths, skeletal malformations

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to Physician** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Special treatments** No specific treatment
- Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

- Suitable extinguishing media** Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** None known.
- Specific hazards arising from the chemical** This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Hazardous thermal decomposition products** Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
Sulfur oxides
metal oxide/oxides

Name: VP 650

SDS Date: 7/2/2015

Conforms to HazCom 2012/United States

Walter USA, LLC
N22 W23855 RidgeView Parkway W
Waukesha, WI 53188

Special protective actions for fire-fighters No special measures are required.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

Environmental precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

Spill Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Protective measures Put on appropriate personal protective equipment (see Section 8).

Avoid exposure - obtain special instructions before use. Avoid contact during pregnancy or while nursing. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

United States

Occupational Exposure Limits

| Ingredient Name | Exposure Limits |
|----------------------------|---|
| 2-Methylpentane-2,4-diol | ACGIH TLV (United States, 4/2014). CEIL: 121 mg/m ³ CEIL: 25 ppm NIOSH REL (United States, 10/2013). CEIL: 125 mg/m ³ CEIL: 25 ppm OSHA PEL 1989 (United States, 3/1989). CEIL: 25 ppm CEIL: 125 mg/m ³ |
| 2,2',2''-Nitrilotriethanol | ACGIH TLV (United States, 4/2014). TWA: 5 mg/m ³ 8 hours. |
| Potassium hydroxide | ACGIH TLV (United States, 4/2014). CEIL: 2 mg/m ³ NIOSH REL (United States, 10/2013). TWA: 2 mg/m ³ 10 hours. OSHA PEL 1989 (United States, 3/1989). CEIL: 2 mg/m ³ |

| | |
|----------------------|---|
| 3-methoxypropylamine | AIHA WEEL (United States, 10/2011). STEL: 15 ppm 15 minutes. TWA: 5 ppm 8 hours. |
|----------------------|---|

Engineering Controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental Controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye / Face Protection Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin Protection

Hand Protection Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance

| | |
|---|---|
| Physical State | Liquid. [Clear] |
| Color | Amber [Dark] |
| Odor | Mild Characteristic Odor |
| Odor threshold | Not available |
| pH - 1% Solution | 8.56 |
| Melting point | Not available |
| Boiling point | Not available |
| Flash point | Closed cup: >325°C (>617°F) [Pensky-Martens.] |
| Evaporation rate | 1 (Water = 1) |
| Flammability (solid, gas) | Not available |
| Lower and upper explosive (flammable) limits | Not available |
| Vapor pressure | Not available |
| Vapor density | Not available |
| Relative density | 0.94 |
| Density | Not available |
| Solubility | Complete in water |
| Partition coefficient: noctanol/Water | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity | Not available |
| Viscosity | Not available |
| VOC (w/w) | 5.6% (w/w) |

SECTION 10: STABILITY AND REACTIVITY

| | |
|---------------------------|--|
| Reactivity | No specific test data related to reactivity available for this product or its ingredients. |
| Chemical Stability | The product is stable. |

| | |
|---|--|
| Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to Avoid | No specific data. |
| Incompatibility with other Materials | Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis. |
| Hazardous decomposition materials | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|-----------|---------|------------|----------|
| Sulfonic acids, petroleum, sodium salts | LD50 Oral | Rat | >5 g/kg | - |
| 2-Methylpentane-2,4-diol | LD50 Oral | Rat | 3700 mg/kg | - |
| 2,2',2''-Nitrilotriethanol | LD50 Oral | Rat | 7.39 g/kg | - |
| Potassium hydroxide | LD50 Oral | Rat | 273 mg/kg | - |

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|--------------------------|------------|-------|-----------------------------|-------------|
| 2-Methylpentane-2,4-diol | Skin - Mild irritant | Rabbit | - | 465 mg | - |
| | Skin - Moderate irritant | Rabbit | - | 24 hours 500 mg | - |
| 2,2',2''-Nitrilotriethanol | Eyes - Mild irritant | Rabbit | - | 10 mg | - |
| | Eyes - Severe irritant | Rabbit | - | 20 mg | - |
| | Skin - Mild irritant | Human | - | 72 hours 15 mg Intermittent | - |
| | Skin - Severe irritant | Mouse | - | 50% | - |
| | Skin - Mild irritant | Rabbit | - | 24 hours 560 mg | - |
| Glycols, polyethylene, mono((1,1,3,3-tetramethylbutyl)phenyl) ether | Eyes - Mild irritant | Rabbit | - | 15 mg | - |
| | Eyes - Severe irritant | Rabbit | - | 1% | - |
| | | | | | |
| Potassium hydroxide | Eyes - Moderate irritant | Rabbit | - | 24 hours 1 mg | - |
| | Skin - Severe irritant | Rabbit | - | 24 hours 50 mg | - |
| | Skin - Severe irritant | Guinea pig | - | 24 hours 50 mg | - |
| | Skin - Severe irritant | Human | - | 24 hours 50 mg | - |

Sensitization – There is no data available

Name: VP 650
 SDS Date: 7/2/2015
 Conforms to HazCom 2012/United States

Walter USA, LLC
 N22 W23855 RidgeView Parkway W
 Waukesha, WI 53188

Carcinogenicity

| Product/ ingredient name | OSHA | IARC | NTP | ACGIH | EPA | NIOSH |
|----------------------------|------|------|-----|-------|-----|-------|
| 2,2',2''-Nitrilotriethanol | - | 3 | - | - | - | - |

Specific target organ toxicity (single exposure)

| Name | Category | Route of exposure | Target organs |
|--|------------|-------------------|------------------------------|
| Hexahydro-1,3,5-tris(3-methoxypropyl)-1,3,5-triazine | Category 3 | Not applicable | Respiratory tract irritation |

Specific target organ toxicity (repeated exposure) – There is no data available

Aspiration hazard – There is no data available

Information on the likely routes of exposure – Dermal contact. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects

- Eye Contact Causes serious eye irritation.
- Inhalation Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
- Skin Contact Causes skin irritation.
- Ingestion Irritating to mouth, throat and stomach.

Symptoms related to physical, chemical and toxicological characteristics

- Eye Contact Adverse symptoms may include the following: pain or irritation, watering, redness
- Inhalation Adverse symptoms may include the following: reduced fetal weight, increase in fetal deaths, skeletal malformations
- Skin Contact Adverse symptoms may include the following: irritation, redness, reduced fetal weight, increase in fetal deaths, skeletal malformations
- Ingestion Adverse symptoms may include the following: reduced fetal weight, increase in fetal deaths, skeletal malformations

Delayed and immediate effects and also chronic effects from short and long term exposure

Short Term Exposure

- Potential immediate effects No known significant effects or critical hazards.
- Potential delayed effects No known significant effects or critical hazards.

Long Term exposure

- Potential immediate effects No known significant effects or critical hazards.
- Potential delayed effects No known significant effects or critical hazards.

Potential chronic health effects

| | |
|-----------------------|---|
| General | No known significant effects or critical hazards. |
| Carcinogenicity | No known significant effects or critical hazards. |
| Mutagenicity | No known significant effects or critical hazards. |
| Teratogenicity | No known significant effects or critical hazards. |
| Developmental effects | May cause harm to breast-fed children. |
| Fertility effects | No known significant effects or critical hazards. |

Numerical measure of toxicity

Acute toxicity estimates

| Route | ATE Value |
|-------|---------------|
| Oral | 13086.7 mg/kg |

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

| Product/ingredient name | Result | Species | Exposure |
|---|--|--|----------|
| 2-Methylpentane-2,4-diol | Acute EC50 2800000 to 3200000 µg/L Fresh water | Crustaceans - Ceriodaphnia reticulata - Larvae | 48 hours |
| | Acute EC50 3200000 µg/L Fresh water | Daphnia - Daphnia magna - Larvae | 48 hours |
| | Acute LC50 10000000 µg/L Marine water | Fish - Menidia beryllina | 96 hours |
| 2,2',2''-Nitrilotriethanol | Acute LC50 100000 µg/L Marine water | Crustaceans - Crangon crangon - Adult | 48 hours |
| | Acute LC50 11800000 µg/L Fresh water | Fish - Pimephales promelas | 96 hours |
| | Chronic NOEC 16000 µg/L Fresh water | Daphnia - Daphnia magna | 21 days |
| Glycols, polyethylene, mono((1,1,3,3-tetramethylbutyl)phenyl) ether | Acute EC50 210 µg/L Fresh water | Algae - Pseudokirchneriella subcapitata | 96 hours |
| | Acute LC50 10800 µg/L Marine water | Crustaceans - Pandalus montagui - Adult | 48 hours |
| | Acute LC50 8600 to 9800 µg/L Fresh water | Daphnia - Daphnia magna - Neonate | 48 hours |
| | Acute LC50 7200 µg/L Fresh water | Fish - Oncorhynchus mykiss | 96 hours |
| Potassium hydroxide | Acute LC50 80 ppm Fresh water | Fish - Gambusia affinis - Adult | 96 hours |

Persistence and degradability - There is no data available.

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|----------------------------|------------|------------|-----------|
| Alkanes, C14-17, chloro | 4.7 to 8.3 | 9140 | High |
| 2-Methylpentane-2,4-diol | 0.58 | - | Low |
| 2,2',2''-Nitrilotriethanol | -1 | <3.9 | Low |
| 3-methoxypropylamine | - | 2.7 to 3.6 | Low |



Name: VP 650
 SDS Date: 7/2/2015
 Conforms to HazCom 2012/United States

Walter USA, LLC
 N22 W23855 RidgeView Parkway W
 Waukesha, WI 53188

Mobility in soil

Soil/water partition coefficient (KOC) – There is no data available

Other adverse effects – No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

| | DOT | IMDG | IATA |
|-----------------------------------|---------------|---------------|---------------|
| UN number | Not regulated | Not regulated | Not regulated |
| UN proper shipping name | - | - | - |
| Transport hazard class(es) | - | - | - |
| Packing group | - | - | - |
| Environmental Hazards | No | No | No |
| Additional information | - | - | - |

AERG – Not applicable

Special precautions for user - Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code – Not available

SECTION 15: REGULATORY INFORMATION

US Federal Regulations:

TSCA 4(a) final test rules: Acetaldehyde



Name: VP 650
SDS Date: 7/2/2015
 Conforms to HazCom 2012/United States

Walter USA, LLC
 N22 W23855 RidgeView Parkway W
 Waukesha, WI 53188

TSCA 8(a) PAIR: Acetaldehyde; Glycols, polyethylene, mono((1,1,3,3-tetramethylbutyl)phenyl) ether; 1,1'-Oxydipropan-2-ol

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

Commerce control list precursor: 2,2',2''-Nitrilotriethanol

United States inventory (TSCA 8b): Not determined.

Clean Water Act (CWA) 311: Potassium hydroxide; Acetaldehyde; Propylene oxide

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not Listed

Clean Air Act Section 602 Class I Substances: Not Listed

Clean Air Act Section 602 Class II Substances: Not Listed

DEA List I Chemicals (Precursor Chemicals): Not Listed

DEA List I Chemicals (Precursor Chemicals): Not Listed

SARA 302/304

Composition/information on ingredients

| Name | % | EHS | SARA 302 TPQ | | SARA 304 RQ | |
|-----------------|----------|-----|--------------|-----------|-------------|-----------|
| | | | (lbs) | (gallons) | (lbs) | (gallons) |
| Ethylene oxide | 0 – 0.01 | Yes | - | - | - | - |
| Propylene oxide | 0 – 0.01 | Yes | 10000 | 1444.3 | 100 | 14.4 |

SARA 304 RQ: 3766478.3 lbs / 1709981.2 kg [480563 gal / 1819128.9 L]

SARA 311/312

Classification: Immediate (acute) health hazard

Delayed (chronic) health hazard

Composition/information on ingredients

| Name | % | Fire Hazard | Sudden release of pressure | Reactive | Immediate (acute) health hazard | Delayed (chronic) health hazard |
|--|---------|-------------|----------------------------|----------|---------------------------------|---------------------------------|
| Sulfonic acids, petroleum, sodium salts | 5 - 10 | No | No | No | Yes | No |
| Alkanes, C14-17, chloro | 1 - 5 | No | No | No | No | Yes |
| Alcohols, C10-16, ethoxylated propoxylated | 1 - 5 | No | No | No | Yes | No |
| Hexahydro-1,3,5-tris(3-methoxypropyl) -1,3,5-triazine | 1 - 5 | No | No | No | Yes | No |
| 2-Methylpentane-2,4-diol | 1 - 5 | No | No | No | Yes | No |
| 2,2',2''-Nitrilotriethanol | 1 - 5 | No | No | No | Yes | No |
| Glycols, polyethylene, mono((1,1,3, 3-tetramethylbutyl)phenyl) ether | 1 - 5 | No | No | No | Yes | No |
| Potassium hydroxide | 0.1 - 1 | No | No | No | Yes | No |
| 3-methoxypropylamine | 0.1 - 1 | Yes | No | No | Yes | No |

SARA 313: No Products were found

State Regulations

Massachusetts The following components are listed: 2,2',2''-Nitrilotriethanol; 2-Methylpentane-2,4-diol

New York None of the components are listed.

Name: VP 650
SDS Date: 7/2/2015
 Conforms to HazCom 2012/United States

New Jersey The following components are listed: Distillates (petroleum), hydrotreated heavy naphthenic; 2,2',2''-Nitrilotriethanol; 2-Methylpentane-2,4-diol

Pennsylvania The following components are listed: 2,2',2''-Nitrilotriethanol; 2-Methylpentane-2,4-diol

California Prop. 65

WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

WARNING: This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

| Ingredient name | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|-----------------|--------|--------------|---------------------------|---------------------------------|
| 1,4-Dioxane | Yes | No | Yes | No |
| Ethylene oxide | Yes | Yes | Yes | Yes |
| Propylene oxide | Yes | No | No | No |
| Acetaldehyde | Yes | No | 90 µg/day (inhalation) | No |
| Diethanolamine | Yes | No | No | No |

SECTION 16: OTHER INFORMATION

Date of issue: June 15, 2015

Version #: 1

Prepared by: KMK Regulatory Services Inc.

Key to abbreviations:

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labeling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- UN = United Nations

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.