

RX-31949-B YELLOW HARDENER

Version Number 1.6 Revision Date 11/09/2016

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SAFETY DATA SHEET

RX-31949-B YELLOW HARDENER

Section 1. Identification

GHS product identifier RX-31949-B YELLOW HARDENER

Chemical name Mixture CAS number Mixture Other means of identification FO00008695 **Product type** liquid

Relevant identified uses of the substance or mixture and uses advised against

Product use Industrial applications. Plastics.

Supplier's details POLYONE CORPORATION

33587 Walker Road, Avon Lake, OH 44012

1 (440) 930-1000 or 1 (866) POLYONE

Emergency telephone number (with hours of operation)

CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or

accident).

Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status This material is considered hazardous by the OSHA Hazard

Communication Standard (29 CFR 1910.1200).

Classification of the substance or

mixture

FLAMMABLE LIQUIDS - Category 2 ACUTE TOXICITY (oral) - Category 4

SKIN CORROSION/IRRITATION - Category 2

SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A

Percentage of the mixture consisting of ingredient(s) of unknown

toxicity: 13.8 %

GHS label elements



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Hazard pictograms





Signal word : Danger

Hazard statements : Highly flammable liquid and vapor.

Harmful if swallowed. Causes serious eye irritation. Causes skin irritation.

Precautionary statements

General : Not applicable.

Prevention: Wear protective gloves. Wear eye or face protection. Keep away from

heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Response : IF SWALLOWED: Call a POISON CENTER or physician if you feel

unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing. If eye irritation persists: Get medical attention.

Storage : Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents and container in accordance with all local,

regional, national and international regulations.

Supplemental label elements : None known. **Hazards not otherwise classified** : None known.

Section 3. Composition/information on ingredients

Substance/mixture: MixtureChemical name: MixtureOther means of identification: FO00008695

CAS number/other identifiers



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| Ingredient name | % | CAS number |
|--|----------|------------|
| Methyl ethyl ketone | 50 - 75 | 78-93-3 |
| | | |
| | | |
| Propylene glycol diamine, 2-amino-, diether with Propylene | 10 - 18 | 9046-10-0 |
| | | |
| | | |

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

Description of necessary 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. |
|--------------|---|---|
| Inhalation | : | Continue to rinse for at least 10 minutes. Get medical attention. 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. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical |
| Skin contact | : | surveillance for 48 hours. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse. |
| Ingestion | : | Wash out mouth with water. Remove dentures if any. 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 |



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head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

Skin contact: Causes skin irritation.Ingestion: Harmful if swallowed.

Over-exposure signs/symptoms

Eye contact : Adverse symptoms may include the following:

pain or irritation

watering redness

Inhalation : No specific data.

Skin contact: Adverse symptoms may include the following:

irritation redness

Ingestion : No specific data.

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.

Specific 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. Fire-fighting measures

Extinguishing media



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Suitable extinguishing media Unsuitable extinguishing media Use dry chemical, CO₂, water spray (fog) or foam.

Do not use water jet.

Specific hazards arising from the chemical

: Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products

Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides

Special protective actions for firefighters Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-

exposed containers cool.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and selfcontained 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 : No

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. 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 specialised 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 non-emergency 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).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Use spark-



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Large spill

proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. 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. Remove contaminated clothing and protective equipment before entering eating areas. 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 a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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.



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Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|-------------------------------------|---|
| Methyl ethyl ketone | OSHA PEL 1989 (1989-03-01) |
| | PEL: Permissible Exposure Level 590 mg/m3 200 ppm |
| | Maximum permissible limit of exposure in the short term (short- |
| | term exposure limit). 885 mg/m3 300 ppm |
| | OSHA PEL (1993-06-30) |
| | PEL: Permissible Exposure Level 590 mg/m3 200 ppm |
| | NIOSH REL (1994-06-01) |
| | Time Weighted Average (TWA) 590 mg/m3 200 ppm |
| | Maximum permissible limit of exposure in the short term (short- |
| | term exposure limit). 885 mg/m3 300 ppm |
| | ACGIH TLV (1994-09-01) |
| | TLV-TWA: Threshold Limit Value - Time weighted average PEL: |
| | Permissible Exposure Level 590 mg/m3 200 ppm |
| | TLV-STEL: Threshold Limit Value - Short Time Exposure Level |
| | 885 mg/m3 300 ppm |
| | |
| Propylene glycol diamine, 2-amino-, | |
| diether with Propylene | |
| | |
| | |

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures



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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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves

cannot be accurately estimated.

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., When there is a risk of ignition from static electricity, wear anti-static protective clothing., For the greatest protection from static discharges, clothing

should include anti-static overalls, boots and gloves.

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 air-fed 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 [liquid]

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ColorYELLOWOdorNot available.Odor thresholdNot available.pHNot available.Melting pointNot available.Boiling pointNot available.

Flash point : Closed cup: -9 °C (16 °F)

Closed cup: -8.89 °C (16.00 °F)

Burning time: Not available.Burning rate: Not available.Evaporation rate: Not available.Flammability (solid, gas): Not available.

Lower and upper explosive : Lower: Not available. (flammable) limits : Upper: Not available.

Vapor pressure

Vapor density

Relative density

Solubility

Solubility in water

Partition coefficient: n
Not available.

Not available.

Not available.

Not available.

Not available.

octanol/water

Auto-ignition temperature: Not available.Decomposition temperature: Not available.SADT: Not available.

Viscosity : Dynamic: Not available.
Kinematic: Not available.

Section 10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or

its ingredients.

Chemical stability : Stable under recommended storage and handling conditions (see

Section 7).

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will

not occur.

Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not

pressurize, cut, weld, braze, solder, drill, grind or expose containers to

heat or sources of ignition.

Incompatible materials : Reactive or incompatible with the following materials:

oxidizing materials

Hazardous decomposition

products

Under normal conditions of storage and use, hazardous decomposition

products should not be produced.



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Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result | Species | Dose | Exposure | |
|--|-----------------|---------|-------------|----------|--|
| Methyl ethyl ketone | | | | | |
| | LD50 Oral | Rat | 2,737 mg/kg | - | |
| | LC50 Inhalation | Rat | 23.5 mg/l | 8 h | |
| | LD50 Dermal | Rabbit | 6,480 mg/kg | - | |
| Propylene glycol diamine, 2-amino-, diether with Propylene | | | | | |
| | LD50 Oral | Rat | 242 mg/kg | - | |
| | LD50 Dermal | Rabbit | 360 mg/kg | - | |

Conclusion/Summary : Mixture. Not fully tested.

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|---|--------------------------------|---------|-------|----------|-------------|
| Methyl ethyl ketone | Skin - Mild irritant | Rabbit | | 24 hrs | - |
| | Skin - Moderate irritant | Rabbit | | 24 hrs | - |
| | Skin - Mild irritant | Rabbit | | 24 hrs | - |
| Propylene glycol diamine, 2- amino-, diether with Propylene | Eyes - Severe irritant | Rabbit | | | - |

Conclusion/Summary

Skin: Mixture.Not fully tested.Eyes: Mixture.Not fully tested.Respiratory: Mixture.Not fully tested.

Sensitization

Conclusion/Summary

Skin: Mixture.Not fully tested.Respiratory: Mixture.Not fully tested.

Mutagenicity



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Conclusion/Summary : Mixture. Not fully tested.

Carcinogenicity

Conclusion/Summary : Mixture.Not fully tested.

Reproductive toxicity

Conclusion/Summary: Mixture.Not fully tested.

Teratogenicity

Conclusion/Summary : Mixture. Not fully tested.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of

exposure

Not available.

Potential acute health effects

Eye contact : Causes serious eye irritation.

Inhalation : No known significant effects or critical hazards.

Skin contact : Causes skin irritation.
Ingestion : Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:

pain or irritation

watering redness

Inhalation : No specific data.

Skin contact : Adverse symptoms may include the following:

irritation redness

Ingestion : No specific data.



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

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Mixture.Not fully tested.

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:No known significant effects or critical hazards.Fertility effects:No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

| Route | ATE value |
|--------|---------------|
| Oral | 1,071.9 mg/kg |
| Route | ATE value |
| Dermal | 2,181.2 mg/kg |

Section 12. Ecological information

Toxicity

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|-----------------------------------|------------------------|----------|
| Methyl ethyl ketone | | | |
| | Acute LC50 3,220,000 μg/l Fresh | Fish - Fish | 96 h |
| | water | | |
| | Acute LC50 5,600 mg/l Fresh water | Fish - Fish | 96 h |
| | Acute EC50 5,091,000 μg/l Fresh | Aquatic invertebrates. | 48 h |
| | 40/47 | | |

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| water | Daphnia | |
|----------------------------------|------------------------|------|
| Acute EC50 > 500,000 μg/l Marine | Aquatic plants - Algae | 96 h |
| water | | |
| Acute EC50 > 500 mg/l Fresh | Aquatic plants - Algae | 96 h |
| water | | |

Conclusion/Summary : Not available.

Persistence and degradability

Conclusion/Summary : Not available.

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|------------------------------|--------|-----|-----------|
| Methyl ethyl ketone | 0.29 | - | low |
| Propylene glycol diamine, 2- | 1.34 | - | high |
| amino-, diether with | | | |
| Propylene | | | |

Mobility in soil

Soil/water partition coefficient

(KOC)

Not available.

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

Section 13. Disposal considerations

Disposal methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times 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 emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil,



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waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Listed

| Ingredient | CAS# | Status | Reference number |
|---------------------|---------|--------|------------------|
| Methyl ethyl ketone | 78-93-3 | Listed | |
| | | | |

Section 14. Transport information

U.S. DOT Classification

Proper Shipping Name: Resin solution

Technical Name:

Hazard Class / Division 3

UN Number UN1866

Packing Group II Label Required 3

ICAO/IATA

Proper Shipping Name: Resin solution

Technical Name:

Hazard Class / Division 3

UN Number

Packing Group II Label Required 3

IMO/IMDG (maritime)

Proper Shipping Name: Resin solution

Technical Name:

Hazard Class / Division

3

UN Number
Packing Group II
Label Required 3

Section 15. Regulatory information

U.S. Federal regulations : United States - TSCA 12(b) - Chemical export notification: None

of the components are listed.

United States - TSCA 4(a) - Final Test Rules: Not listed
United States - TSCA 4(a) - ITC Priority list: Not listed
United States - TSCA 4(a) - Proposed test rules: Not listed
United States - TSCA 4(f) - Priority risk review: Not listed
United States - TSCA 5(a)2 - Final significant new use rules: Not



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listed

United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed

United States - TSCA 5(e) - Substances consent order: Not listed United States - TSCA 6 - Final risk management: Not listed United States - TSCA 6 - Proposed risk management: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not determined

United States - TSCA 8(a) - Preliminary assessment report (PAIR): Listed Cyclohexene, 4-ethenyl-

Phenol, 4-(1,1-dimethylethyl)-

United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed

United States - TSCA 8(d) - Health and safety studies: Not listed United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Acrylonitrile

Amines, C12-14-tert-alkyl, bis[2-[2-(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)diazenyl]benzoato(2-)]chromate(1-)

United States - EPA Clean water act (CWA) section 311 -

Hazardous substances: Listed

United States - EPA Clean air act (CAA) section 112 - Accidental

release prevention - Flammable substances: Not listed

United States - EPA Clean air act (CAA) section 112 - Accidental

release prevention - Toxic substances: Not listed

United States - Department of commerce - Precursor chemical:

Not listed

Clean Air Act Section 112(b)

Hazardous Air Pollutants (HAPs)

Clean Air Act Section 602 Class I

Substances

Clean Air Act Section 602 Class II

Substances

DEA List I Chemicals (Precursor

Chemicals)

DEA List II Chemicals (Essential

Chemicals)

Not listed

Not listed

Not listed

Not listed

Listed

US. EPA CERCLA Hazardous Substances (40 CFR 302)

| Chemical Name | CAS-No. | RQ for component |
|---------------|---------|------------------|



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| Methyl ethyl ketone | 5,000 lb(s) 2,270 kg 2,270 kg 5,000 lb(s) | |
|---------------------|--|--|
| | 2,000 10(0) | |

SARA 311/312

Classification : Fire hazard

Immediate (acute) health hazard

Composition/information on ingredients

| Name | % | Classification |
|--|---------|----------------|
| Methyl ethyl ketone | 50 - 75 | F, AH |
| Propylene glycol diamine, 2- amino-, diether with Propylene | 10 - 18 | AH |

SARA 313

Not applicable.

State regulations

Massachusetts: None of the components are listed.New York: The following components are listed:

Methyl ethyl ketone

New Jersey: The following components are listed:

Methyl ethyl ketone

Pennsylvania : The following components are listed:

Methyl ethyl ketone

California Prop. 65

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

United States inventory (TSCA 8b) : All components are listed or exempted.

Canada inventory : All components are listed or exempted.

International regulations

International lists : Australia inventory (AICS): All components are listed or exempted.

Taiwan Chemical Substances Inventory (TCSI): All components

are listed or exempted.

Malaysia Inventory (EHS Register): Not determined. EINECS: All components are listed or exempted.



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Japan inventory: Not determined.

China inventory (IECSC): All components are listed or exempted.

Korea inventory: Not determined.

New Zealand Inventory of Chemicals (NZIoC): All components

are listed or exempted.

Philippines inventory (PICCS): Not determined.

Chemical Weapons Convention

List Schedule I Chemicals

Chemical Weapons Convention

List Schedule II Chemicals

Chemical Weapons Convention

List Schedule III Chemicals

Not listed

Not listed

Not listed

Section 16. Other information

History

Date of printing 11/10/2016 Date of issue/Date of revision 11/09/2016 Date of previous issue 08/26/2015 Version 1.6

Key to abbreviations ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of

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

Not available. References

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed 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. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.