

SAFETY DATA SHEET

18/012

1. Identification

Product identifier

Gasket Remover

Other means of identification

Product Code

No. 03017 (Item# 1003266)

Recommended use

Gasket remover

Recommended restrictions

None known.

Manufacturer/Importer/Supplier/Distributor information

Manufactured or sold by:

Company name

CRC Industries, Inc.

Address

885 Louis Dr.

Warminster, PA 18974 US

Telephone

General Information

215-674-4300

Technical Assistance

800-521-3168

Customer Service

800-272-4620

24-Hour Emergency

800-424-9300 (US)

(CHEMTREC)

703-527-3887 (International)

Website

www.crcindustries.com

2. Hazard(s) identification

Physical hazards

Flammable aerosols

Category 1

Health hazards

Gases under pressure Skin corrosion/irritation Liquefied gas

Serious eye damage/eye irritation

Category 2

Carcinogenicity

Category 2A

Reproductive toxicity

Category 2 Category 1B

Specific target organ toxicity, single exposure

Category 3 respiratory tract irritation

Specific target organ toxicity, single exposure

Category 3 narcotic effects

Specific target organ toxicity, repeated

Category 2 (central nervous system, kidney,

exposure

liver)

Environmental hazards

Hazardous to the aquatic environment, acute

Category 3

hazard

OSHA defined hazards

Not classified.

Label elements



Signal word

Danger

Hazard statement

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. May cause damage to organs (central nervous system, kidney, liver) through prolonged or repeated exposure. Harmful to aquatic life.

Material name: Gasket Remover

SDS US

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Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Do not apply while equipment is energized. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Response

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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 advice/attention. If exposed or concerned: Get medical advice/attention.

Storage

Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.

Disposal

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

Hazard(s) not otherwise classified (HNOC)

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|-------------------------|--------------------------|------------|---------|
| acetone | | 67-64-1 | 50 - 60 |
| liquefied petroleum gas | | 68476-86-8 | 20 - 30 |
| N-methyl-2-pyrrolidone | | 872-50-4 | 10 - 20 |
| xylene | | 1330-20-7 | 1 - 3 |
| ethylbenzene | | 100-41-4 | < 1 |
| toluene | | 108-88-3 | < 0.2 |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact

Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth.

Most important symptoms/effects, acute and delayed

May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May cause redness and pain. Edema. Jaundice. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information

IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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Specific hazards arising from the chemical

Contents under pressure. Pressurized container may rupture when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Fire-fighting equipment/instructions
General fire hazards

In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Remove all possible sources of ignition in the surrounding area. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch or walk through spilled material. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Prevent product from entering drains. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters. These alone may be insufficient to remove static electricity. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

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

| Components | Type | , Value | |
|-----------------------|------|------------------------|---|
| acetone (CAS 67-64-1) | PEL | 2400 mg/m3 1000 ppm | *************************************** |

Material name: Gasket Remover

| Components | Туре | Value | |
|---------------------------------|----------------------------|--------------|---|
| ethylbenzene (CAS 100-41-4) | PEL | 435 mg/m3 | |
| | | 100 ppm | |
| xylene (CAS 1330-20-7) | PEL | 435 mg/m3 | |
| | | 100 ppm | |
| US. OSHA Table Z-2 (29 CFR 191 | | | |
| Components | Туре | Value | |
| oluene (CAS 108-88-3) | Ceiling | 300 ppm | *************************************** |
| | TWA | 200 ppm | |
| US. ACGIH Threshold Limit Value | es | • • | |
| Components | Туре | Value | |
| acetone (CAS 67-64-1) | STEL | 500 ppm | |
| , | TWA | 250 ppm | |
| ethylbenzene (CAS | TWA | 20 ppm | |
| 100-41-4) | | 20 ppm | |
| toluene (CAS 108-88-3) | TWA | 20 ppm | |
| xylene (CAS 1330-20-7) | STEL | 150 ppm | |
| | TWA | 100 ppm | |
| US. NIOSH: Pocket Guide to Che | mical Hazards | | |
| Components | Туре | Value | |
| acetone (CAS 67-64-1) | TWA | 590 mg/m3 | |
| , | | 250 ppm | |
| ethylbenzene (CAS | STEL | 545 mg/m3 | |
| 100-41-4) | | o to thighmo | |
| | | 125 ppm | |
| | TWA | 435 mg/m3 | |
| | | 100 ppm | |
| oluene (CAS 108-88-3) | STEL | 560 mg/m3 | |
| | | 150 ppm | |
| | TWA | 375 mg/m3 | |
| | | 100 ppm | |
| JS. Workplace Environmental Ex | posure Level (WEEL) Guides | | |
| Components | Туре | Value | |
| N-methyl-2-pyrrolidone | TWA | 40 mg/m3 | ***** |
| CAS 872-50-4) | | | |

Biological limit values

ACGIH Biological Exposure Indices Components Value Determinant Specimen Sampling Time acetone (CAS 67-64-1) 25 mg/l Acetone Urine ethylbenzene (CAS 0.15 g/g Sum of Creatinine in 100-41-4) mandelic acid urine and phenylglyoxylic acid N-methyl-2-pyrrolidone 100 mg/l 5-Hydroxy-N-m Urine (CAS 872-50-4) ethyl-2-pyrrolid one toluene (CAS 108-88-3) 0.3 mg/g o-Cresol, with Creatinine in hydrolysis urine 0.03 mg/l Toluene Urine 0.02 mg/l Toluene Blood xylene (CAS 1330-20-7) 1.5 g/g Methylhippuric Creatinine in acids urine

10 ppm

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

Exposure guidelines

US - California OELs: Skin designation

N-methyl-2-pyrrolidone (CAS 872-50-4)

toluene (CAS 108-88-3)

Can be absorbed through the skin. Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

toluene (CAS 108-88-3)

Skin designation applies.

US WEEL Guides: Skin designation

N-methyl-2-pyrrolidone (CAS 872-50-4)

Can be absorbed through the skin.

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Wear protective gloves such as: Butyl rubber.

Other

Wear appropriate chemical resistant clothing.

Respiratory protection

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained

breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to

determine actual employee exposure levels.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove

9. Physical and chemical properties

Appearance

Physical state

Liquid.

Form

Aerosol.

Color

Light grey.

contaminants.

Odor

Solvent.

Odor threshold

Not available.

рН

Not available.

Melting point/freezing point

-138.5 °F (-94.7 °C) estimated

Initial boiling point and boiling

132.9 °F (56.1 °C) estimated

range

Flash point

56 °F (13.3 °C) Tag Closed Cup

Evaporation rate

Fast.

Flammability (solid, gas)

Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower

1 % estimated

(%)

Flammability limit - upper

12.8 % estimated

(%)

Vapor pressure

1341 hPa estimated

Vapor density

> 1 (air = 1)

Relative density

0.78

Solubility (water)

Soluble.

Partition coefficient

Not available.

(n-octanol/water)

ivot available.

Auto-ignition temperature

473 °F (245 °C) estimated

Decomposition temperature

Not available.

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Viscosity (kinematic)

Percent volatile

Not available. 79.2 % estimated

10. Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability

Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Incompatible materials Heat, flames and sparks. Contact with incompatible materials.

Hazardous decomposition

products

Strong acids. Acids. Strong oxidizing agents. Halogens. Peroxides. Phenols.

Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation

May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause irritation to the respiratory

system.

Skin contact

Causes skin irritation.

Eye contact

Causes serious eye irritation.

Ingestion

Health injuries are not known or expected under normal use.

Symptoms related to the physical, chemical and toxicological characteristics

May cause drowsiness and dizziness. Narcosis. Headache. Nausea, vomiting. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Skin irritation. May

cause redness and pain. Edema. Jaundice.

Information on toxicological effects

Acute toxicity

Not known.

| Components | Species | Test Results | | | |
|----------------------------|-------------|--------------------|--|--|--|
| acetone (CAS 67-64-1) | | | | | |
| <u>Acute</u> | | | | | |
| Dermal | | | | | |
| LD50 | Rabbit | 20000 mg/kg | | | |
| Oral | | | | | |
| LD50 | Rat | 5800 mg/kg | | | |
| ethylbenzene (CAS 100-41 | -4) | | | | |
| <u>Acute</u> | | | | | |
| Inhalation | | | | | |
| LC50 | Rat | 17.2 mg/l, 4 hours | | | |
| Oral | | | | | |
| LD50 | Rat | 3500 mg/kg | | | |
| N-methyl-2-pyrrolidone (CA | S 872-50-4) | | | | |
| <u>Acute</u> | | | | | |
| Dermal | | | | | |
| LD50 | Rabbit | 8000 mg/kg | | | |
| Oral | | | | | |
| LD50 | Rat | 3914 mg/kg | | | |
| xylene (CAS 1330-20-7) | | | | | |
| <u>Acute</u> | | | | | |

^{*} Estimates for product may be based on additional component data not shown.

Rat

Skin corrosion/irritation

Oral LD50

Causes skin irritation.

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4300 mg/kg

No. 03017 (Item# 1003266) Version #: 02 Revision date: 09-12-2017 Issue date: 10-15-2014 Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory sensitization

Not a respiratory sensitizer.

Skin sensitization

This product is not expected to cause skin sensitization.

Germ cell mutagenicity

No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity

Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

ethylbenzene (CAS 100-41-4)

2B Possibly carcinogenic to humans.

toluene (CAS 108-88-3) xylene (CAS 1330-20-7) 3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity

Components in this product have been shown to cause birth defects and reproductive disorders in

laboratory animals. May damage fertility or the unborn child.

Specific target organ toxicity -

single exposure

May cause respiratory irritation. May cause drowsiness and dizziness.

Specific target organ toxicity -

repeated exposure

May cause damage to organs (central nervous system, kidney, liver) through prolonged or

repeated exposure.

Aspiration hazard

Not an aspiration hazard.

Chronic effects

May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may

be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

| Components | | Species | Test Results |
|----------------------|----------|---|------------------------------|
| acetone (CAS 67-64-1 | 1) | | |
| Aquatic | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 10294 - 17704 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 4740 - 6330 mg/l, 96 hours |
| ethylbenzene (CAS 10 | 00-41-4) | | |
| Aquatic | | | |
| Fish | LC50 | Atlantic silverside (Menidia menidia) | 4.4 - 5.7 mg/l, 96 hours |
| Acute | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 2.1 mg/l, 48 hours |
| toluene (CAS 108-88- | 3) | | |
| Aquatic | | | |
| Acute | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 6 mg/l, 48 hours |
| Fish | LC50 | Coho salmon,silver salmon (Oncorhynchus kisutch) | 5.5 mg/l, 96 hours |
| xylene (CAS 1330-20- | 7) | | |
| Aquatic | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 9.54 - 19.2 mg/l, 96 hours |

^{*} Estimates for product may be based on additional component data not shown.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

acetone -0.24ethylbenzene 3.15

Material name: Gasket Remover SDS US Partition coefficient n-octanol / water (log Kow)

N-methyl-2-pyrrolidone -0.54 toluene 2.73 xvlene 3.12 - 3.2

Bioconcentration factor (BCF)

ethylbenzene toluene 90 xylene 23.99

Mobility in soil

No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal of waste from residues / unused products If discarded, this product is considered a RCRA ignitable waste, D001. Contents under pressure. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not puncture, incinerate or crush. Dispose in accordance with all applicable regulations.

Hazardous waste code

D001: Waste Flammable material with a flash point <140 F

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

UN number UN1950

UN proper shipping name

Aerosols, flammable, Limited Quantity

Transport hazard class(es)

Class 2.1

Subsidiary risk 2.1 Label(s)

Packing group Not applicable.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Special provisions

Packaging exceptions Packaging non bulk

306 None None

Packaging bulk IATA

> **UN** number UN1950

UN proper shipping name

Aerosols, flammable, Limited Quantity

Transport hazard class(es)

Class 2.1

Subsidiary risk Packing group

Not applicable.

ERG Code

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

Allowed with restrictions.

aircraft

Cargo aircraft only

Allowed with restrictions.

IMDG

UN number

UN1950

UN proper shipping name Transport hazard class(es) AEROSOLS, Limited Quantity

Class

2

Subsidiary risk Packing group

Not applicable.

Environmental hazards

Marine pollutant

No.

EmS

Not available.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

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15. Regulatory information

US federal regulations

All components are on the U.S. EPA TSCA Inventory List.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

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

Not regulated.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance

ethylbenzene (CAS 100-41-4)

N-methyl-2-pyrrolidone (CAS 872-50-4)

xylene (CAS 1330-20-7)

CERCLA Hazardous Substance List (40 CFR 302.4)

acetone (CAS 67-64-1) Listed. ethylbenzene (CAS 100-41-4) Listed. toluene (CAS 108-88-3) Listed. xylene (CAS 1330-20-7) Listed.

CERCLA Hazardous Substances: Reportable quantity

acetone (CAS 67-64-1) 5000 LBS ethylbenzene (CAS 100-41-4) 1000 LBS toluene (CAS 108-88-3) 1000 LBS xylene (CAS 1330-20-7) 100 LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

xylene (CAS 1330-20-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

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 toluene (CAS 108-88-3) 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

acetone (CAS 67-64-1) 35 %WV toluene (CAS 108-88-3) 35 %WV

DEA Exempt Chemical Mixtures Code Number

acetone (CAS 67-64-1) 6532 toluene (CAS 108-88-3) 594

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

acetone (CAS 67-64-1) Low priority

Food and Drug

Not regulated.

Administration (FDA)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 311/312 Hazard categories Immediate Hazard - Yes Delayed Hazard - Yes

Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

SARA 302 Extremely No

hazardous substance

US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.

(a))

acetone (CAS 67-64-1) ethylbenzene (CAS 100-41-4)

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liquefied petroleum gas (CAS 68476-86-8)
         N-methyl-2-pyrrolidone (CAS 872-50-4)
         toluene (CAS 108-88-3)
         xylene (CAS 1330-20-7)
     US. New Jersey Worker and Community Right-to-Know Act
         acetone (CAS 67-64-1)
         ethylbenzene (CAS 100-41-4)
         N-methyl-2-pyrrolidone (CAS 872-50-4)
         toluene (CAS 108-88-3)
         xylene (CAS 1330-20-7)
     US. Massachusetts RTK - Substance List
         acetone (CAS 67-64-1)
         ethylbenzene (CAS 100-41-4)
         N-methyl-2-pyrrolidone (CAS 872-50-4)
         toluene (CAS 108-88-3)
         xylene (CAS 1330-20-7)
     US. Pennsylvania Worker and Community Right-to-Know Law
         acetone (CAS 67-64-1)
         ethylbenzene (CAS 100-41-4)
         N-methyl-2-pyrrolidone (CAS 872-50-4)
         toluene (CAS 108-88-3)
         xylene (CAS 1330-20-7)
    US. Rhode Island RTK
         acetone (CAS 67-64-1)
         ethylbenzene (CAS 100-41-4)
         toluene (CAS 108-88-3)
         xylene (CAS 1330-20-7)
    US. California Proposition 65
        WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other
         reproductive harm.
         US - California Proposition 65 - CRT: Listed date/Carcinogenic substance
             acetaldehyde (CAS 75-07-0)
                                                               Listed: April 1, 1988
            benzene (CAS 71-43-2)
                                                               Listed: February 27, 1987
            cumene (CAS 98-82-8)
                                                               Listed: April 6, 2010
            ethylbenzene (CAS 100-41-4)
                                                               Listed: June 11, 2004
            naphthalene (CAS 91-20-3)
                                                               Listed: April 19, 2002
        US - California Proposition 65 - CRT: Listed date/Developmental toxin
            benzene (CAS 71-43-2)
                                                               Listed: December 26, 1997
            N-methyl-2-pyrrolidone (CAS 872-50-4)
                                                               Listed: June 15, 2001
            toluene (CAS 108-88-3)
                                                               Listed: January 1, 1991
        US - California Proposition 65 - CRT: Listed date/Male reproductive toxin
            benzene (CAS 71-43-2)
                                                               Listed: December 26, 1997
Volatile organic compounds (VOC) regulations
    EPA
        VOC content (40 CFR
                                 47.5 %
        51.100(s))
        Consumer products
                                 Not regulated
        (40 CFR 59, Subpt. C)
    State
        Consumer products
                                 This product is regulated as a Gasket Adhesive Remover, Graffiti Remover and Paint Remover or
                                 Stripper. This product is compliant for use in all 50 states.
            VOC content (CA)
                                      47.5 %
            VOC content (OTC)
                                      47.5 %
International Inventories
    Country(s) or region
                                 Inventory name
                                                                                                       On inventory (yes/no)*
    Australia
                                 Australian Inventory of Chemical Substances (AICS)
                                                                                                                         Yes
    Canada
                                 Domestic Substances List (DSL)
                                                                                                                         Yes
    Canada
                                 Non-Domestic Substances List (NDSL)
```

Inventory of Existing Chemical Substances in China (IECSC)

Material name: Gasket Remover

China

No

Country(s) or region Inventory name On inventory (yes/no)* Europe European Inventory of Existing Commercial Chemical Substances (EINECS) Europe European List of Notified Chemical Substances (ELINCS) No

Japan Inventory of Existing and New Chemical Substances (ENCS) No Korea Existing Chemicals List (ECL) Yes New Zealand New Zealand Inventory

Philippines Philippine Inventory of Chemicals and Chemical Substances Yes

(PICCS)

Toxic Substances Control Act (TSCA) Inventory United States & Puerto Rico

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 10-15-2014 Revision date 09-12-2017

Prepared by Allison Yoon

Version# 02

Further information CRC # 553B/1002570

HMIS® ratings Health: 2* Flammability: 4 Physical hazard: 0

Personal protection: B

NFPA ratings Health: 2 Flammability: 4

Instability: 0

NFPA ratings



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be valid for this material if it is used in combination with any other materials. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety

professional, or CRC Industries, Inc..

Revision Information This document has undergone significant changes and should be reviewed in its entirety.

Material name: Gasket Remover

SDS US

No. 03017 (Item# 1003266) Version #: 02 Revision date: 09-12-2017 Issue date: 10-15-2014

Yes

Yes