

SAFETY DATA SHEET

1. Identification

| Product identifier | Carb & Choke Cleaner | | | |
|---------------------------------|---|-----------------------------|--|--|
| Other means of identification | | | | |
| Product code | 03077 | | | |
| Recommended use | Carburetor cleaner | | | |
| 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 | | |
| | Gases under pressure | Compressed gas | | |
| Health hazards | Skin corrosion/irritation | Category 2 | | |
| | Serious eye damage/eye irritation | Category 2A | | |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects | | |
| | Aspiration hazard | Category 1 | | |

Environmental hazards

OSHA defined hazards

Label elements



Hazardous to the aquatic environment, acute

Hazardous to the aquatic environment,

Danger

hazard

long-term hazard

Not classified.

Hazard statement

Signal word

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

Category 2

Category 2

Precautionary statement Prevention

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 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. Avoid breathing mist or vapor. Wash thoroughly after handling. Wear eye protection/face protection. Wear protective gloves. Avoid release to the environment.

| Response | If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. 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. Collect spillage. |
|--|--|
| 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 | 80 - 90 |
| carbon dioxide | | 124-38-9 | 5 - 10 |
| n-heptane | | 142-82-5 | 3 - 5 |
| 3-methylhexane | | 589-34-4 | 1 - 3 |
| 2-methylhexane | | 591-76-4 | < 1 |
| 3-ethylpentane | | 617-78-7 | < 0.3 |
| 3,3-dimethylpentane | | 562-49-2 | < 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. Rinse skin with water/shower. 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. Get medical attention if irritation develops and persists. |
| Ingestion | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| Most important symptoms/effects, acute and delayed | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |
| 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 | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

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. |
| 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 | 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. |
| General fire hazards | 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. Keep people away from and upwind of spill/leak. Remove all possible sources of ignition in the surrounding area. Keep out of low areas. 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. Avoid breathing mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. 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 entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. 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 | 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. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label. |
| Conditions for safe storage, | Level 3 Aerosol. |
| including any incompatibilities | 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

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

| Components | Туре | Value | |
|------------------------------------|------|------------|--|
| acetone (CAS 67-64-1) | PEL | 2400 mg/m3 | |
| | | 1000 ppm | |
| carbon dioxide (CAS | PEL | 9000 mg/m3 | |
| 124-38-9) | | | |
| | | 5000 ppm | |
| n-heptane (CAS 142-82-5) | PEL | 2000 mg/m3 | |
| | | 500 ppm | |
| US. ACGIH Threshold Limit Values | 5 | | |
| Components | Туре | Value | |
| 2-methylhexane (CAS 591-76-4) | STEL | 500 ppm | |
| | TWA | 400 ppm | |
| 3,3-dimethylpentane (CAS 562-49-2) | STEL | 500 ppm | |
| - | TWA | 400 ppm | |
| 3-ethylpentane (CAS 617-78-7) | STEL | 500 ppm | |

US. ACGIH Threshold Limit Values

| Components | | Туре | Va | alue |
|--|--------------------------------|---|--|--|
| | | TWA | 40 | 00 ppm |
| 3-methylhexane (CAS 589-34-4) | | STEL | 50 | 00 ppm |
| | | TWA | | 00 ppm |
| acetone (CAS 67-64-1) | | STEL | 50 |)0 ppm |
| | | TWA | | 50 ppm |
| carbon dioxide (CAS 124-38-9) | | STEL | 30 | 0000 ppm |
| | | TWA | | 000 ppm |
| n-heptane (CAS 142-82-5 |) | STEL | |)0 ppm |
| | | TWA | 40 |)0 ppm |
| US. NIOSH: Pocket Guid | e to Chemical Haz | ards | | |
| Components | | Туре | Va | alue |
| acetone (CAS 67-64-1) | | TWA | 59 | 90 mg/m3 |
| | | | 25 | 50 ppm |
| carbon dioxide (CAS 124-38-9) | | STEL | 54 | 4000 mg/m3 |
| | | | 30 | 0000 ppm |
| | | TWA | | 000 mg/m3 |
| | | | | 000 ppm |
| n-heptane (CAS 142-82-5 |) | Ceiling | | 300 mg/m3 |
| | | | | 10 ppm |
| | | TWA | | 50 mg/m3 |
| | | | 85 | 5 ppm |
| logical limit values | | | | |
| ACGIH Biological Expos | | Determinent | 0 | |
| Components | Value | Determinant | Specimen | Sampling Time |
| acetone (CAS 67-64-1) | 25 mg/l | Acetone | Urine | * |
| * - For sampling details, pl | ease see the sourc | e document. | | |
| propriate engineering trols | should be ma or other engin | tched to conditions. If ap eering controls to maint is have not been establis | plicable, use pro ain airborne leve | hour) should be used. Ventilation rates ocess enclosures, local exhaust ventilation, ils below recommended exposure limits. If irborne levels to an acceptable level. Provi |
| vidual protection measur | es, such as perso | nal protective equipme | ent | |
| | Wear cafety a | lasses with side shields | (or accales) | |
| Eye/face protection | wear salely g | lasses with side shields | (or goggies). | |
| Eye/face protection Skin protection | wear salety g | | (or goggies). | |

Other Wear appropriate chemical resistant clothing.

| e uner | |
|-----------------------------------|--|
| 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 | When using, do not eat, drink or 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 contaminants. |

9. Physical and chemical properties

| Appearance | |
|----------------|----------------|
| Physical state | Liquid. |
| Form | Aerosol. |
| Color | Colorless. |
| 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 range | 132.9 °F (56.1 °C) estimated |
| Flash point | < 0 °F (< -17.8 °C) Tag Closed Cup |
| Evaporation rate | Fast. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or exp | losive limits |
| Flammability limit - lower (%) | 1.1 % estimated |
| Flammability limit - upper (%) | 12.8 % estimated |
| Vapor pressure | 5061 hPa estimated |
| Vapor density | > 2 (air = 1) |
| Relative density | 0.84 estimated |
| Solubility (water) | Slightly soluble. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 539.6 °F (282 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity (kinematic) | Not available. |
| Percent volatile | 91.4 % 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 | Heat, flames and sparks. Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. Strong acids. Strong bases. Aldehydes. Alkalies. Amines. Ammonia. Halogens. Peroxides. |
| Hazardous decomposition products | Carbon oxides. |
| 11. Toxicological information | tion |
| | |

Information on likely routes of exposure

| mormation on likely routes of | exposure |
|--|--|
| Inhalation | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| Skin contact | Causes skin irritation. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |
| Symptoms related to the physical, chemical and toxicological characteristics | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |
| Information on toxicological of | facto |

Information on toxicological effects

| Acute toxicity | May be fatal if swallowed and | May be fatal if swallowed and enters airways. | |
|-------------------------------|-------------------------------|---|--|
| Components | Species | Test Results | |
| 3-methylhexane (CAS 589-34-4) | | | |
| <u>Acute</u> | | | |
| Dermal | | | |
| LD50 | Rabbit | > 2000 mg/kg | |
| | | | |

| acetone (CAS 67-64-1) Acute Dermal LD50 Rabbit 20000 Oral LD50 Rat 5800 r LD50 Rat 5800 r n-heptane (CAS 142-82-5) Acute Dermal Dermal Dermal Dermal State 3000 r * Estimates for product may be based on additional component data not shown. Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye Causes serious eye irritation. Serirritation. Serirritation.< | Results | |
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| LD50 Rabbit 2000 Oral LD50 Rat 5800 m h-heptane (CAS 142-82-5) <u>Acute</u> Dermal LD50 Rabbit 3000 m * Estimates for product may be based on additional component data not shown. Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye Causes serious eye irritation. Germ cell mutagenicity 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 pre- mutagenic or genotoxic. Carcinogenicity This product is not considered to be a carcinogen by IARC, A IARC Monographs. Overall Evaluation of Carcinogenicity Not listed. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated. US. National Toxicology Program (NTP) Report on Carcinogens Not listed. Reproductive toxicity This product is not expected to cause reproductive or develor Specific target organ toxicity - May cause drowsiness and dizziness. Single exposure Aspiration hazard May be fatal if swallowed and enters airways. If aspirated inti may cause chemical pneumonia, pulmonary injury or death. Chronic effects Prolonged inhalation may be harmful. 12. Ecological information Ecotoxicity Toxic to aquatic life with long lasting effects. | | |
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| Skin corrosion/irritationCauses skin irritation.Serious eye damage/eye irritationCauses serious eye irritation.Serious eye damage/eye irritationCauses serious eye irritation.Respiratory sensitizationNot a respiratory sensitizer.Skin sensitizationThis product is not expected to cause skin sensitization.Germ cell mutagenicityNo data available to indicate product or any components premutagenic or genotoxic.CarcinogenicityThis product is not considered to be a carcinogen by IARC, AIARC Monographs. Overall Evaluation of Carcinogenicity Not listed.Not a respiratory sensitizer.OSHA Specifically RegulatedSubstances (29 CFR 1910.1001-1050) Not regulated.US. National Toxicology Program (NTP) Report on Carcinogens Not listed.This product is not expected to cause reproductive or develoeSpecific target organ toxicity - repeated exposureMay cause drowsiness and dizziness.Specific target organ toxicity - repeated exposureNot classified.Aspiration hazardMay be fatal if swallowed and enters airways. If aspirated inter may cause chemical pneumonia, pulmonary injury or death.Chronic effectsProlonged inhalation may be harmful.12. Ecological informationToxic to aquatic life with long lasting effects. | mg/kg | |
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| mutagenic or genotoxic.CarcinogenicityThis product is not considered to be a carcinogen by IARC, AIARC Monographs. Overall Evaluation of Carcinogenicity Not listed.Not listed.OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated.Not regulated.US. National Toxicology Program (NTP) Report on Carcinogens Not listed.May cause drowsiness and dizziness.Reproductive toxicityThis product is not expected to cause reproductive or develoeSpecific target organ toxicity - single exposureNot classified.Specific target organ toxicity - repeated exposureNot classified.Aspiration hazardMay be fatal if swallowed and enters airways. If aspirated inter may cause chemical pneumonia, pulmonary injury or death.Chronic effectsProlonged inhalation may be harmful.12. Ecological informationToxic to aquatic life with long lasting effects. | This product is not expected to cause skin sensitization. | |
| IARC Monographs. Overall Evaluation of Carcinogenicity Not listed. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated. US. National Toxicology Program (NTP) Report on Carcinogens Not listed. Reproductive toxicity This product is not expected to cause reproductive or develo Specific target organ toxicity - single exposure May cause drowsiness and dizziness. Specific target organ toxicity - repeated exposure Not classified. Aspiration hazard May be fatal if swallowed and enters airways. If aspirated intra may cause chemical pneumonia, pulmonary injury or death. Chronic effects Prolonged inhalation may be harmful. 12. Ecological information Toxic to aquatic life with long lasting effects. | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| Not listed.OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated.US. National Toxicology Program (NTP) Report on Carcinogens Not listed.Reproductive toxicityThis product is not expected to cause reproductive or develoSpecific target organ toxicity - single exposureMay cause drowsiness and dizziness.Specific target organ toxicity - repeated exposureNot classified.Aspiration hazardMay be fatal if swallowed and enters airways. If aspirated intr may cause chemical pneumonia, pulmonary injury or death.Chronic effectsProlonged inhalation may be harmful.12. Ecological informationToxic to aquatic life with long lasting effects. | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. | |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated.Not regulated.US. National Toxicology Program (NTP) Report on Carcinogens Not listed.Reproductive toxicityThis product is not expected to cause reproductive or develoeSpecific target organ toxicity - single exposureMay cause drowsiness and dizziness.Specific target organ toxicity - repeated exposureMay be fatal if swallowed and enters airways. If aspirated inter may cause chemical pneumonia, pulmonary injury or death.Chronic effectsProlonged inhalation may be harmful.Toxic to aquatic life with long lasting effects. | | |
| Not regulated.US. National Toxicology Program (NTP) Report on Carcinogens Not listed.Reproductive toxicityThis product is not expected to cause reproductive or develoSpecific target organ toxicity - single exposureMay cause drowsiness and dizziness.Specific target organ toxicity - repeated exposureNot classified.Aspiration hazardMay be fatal if swallowed and enters airways. If aspirated inter may cause chemical pneumonia, pulmonary injury or death.Chronic effectsProlonged inhalation may be harmful.12. Ecological informationToxic to aquatic life with long lasting effects. | | |
| US. National Toxicology Program (NTP) Report on Carcinogens Not listed.Reproductive toxicityThis product is not expected to cause reproductive or develoSpecific target organ toxicity - single exposureMay cause drowsiness and dizziness.Specific target organ toxicity - repeated exposureNot classified.Aspiration hazardMay be fatal if swallowed and enters airways. If aspirated into may cause chemical pneumonia, pulmonary injury or death.Chronic effectsProlonged inhalation may be harmful.12. Ecological informationToxic to aquatic life with long lasting effects. | | |
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| repeated exposure May be fatal if swallowed and enters airways. If aspirated into may cause chemical pneumonia, pulmonary injury or death. Chronic effects Prolonged inhalation may be harmful. 12. Ecological information Toxic to aquatic life with long lasting effects. | | |
| may cause chemical pneumonia, pulmonary injury or death. Chronic effects Prolonged inhalation may be harmful. 12. Ecological information Toxic to aquatic life with long lasting effects. | - Not classified. | |
| 12. Ecological information Ecotoxicity Toxic to aquatic life with long lasting effects. | May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death. | |
| Ecotoxicity Toxic to aquatic life with long lasting effects. | Prolonged inhalation may be harmful. | |
| | | |
| Components Species Te | | |
| | st Results | |
| acetone (CAS 67-64-1) | | |
| Aquatic | | |

| | 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 |
| n-ł | neptane (CAS 142-82-5) | | | |
| | Aquatic | | | |
| | Acute | | | |
| | Crustacea | EC50 | Water flea (Daphnia magna) | 1.5 mg/l, 48 hours |
| | Fish | LC50 | Fathead minnow (Pimephales promelas) | 2.1 - 2.98 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-o | octanol / water (log Kow) | |
| acetone | -0.24 | |
| n-heptane | 4.66 | |
| 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 | This material and its container must be disposed of as hazardous waste. Consult authorities before disposal. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations. |
|---|---|
| Hazardous waste code | D001: Waste Flammable material with a flash point <140 F F003: Waste Non-halogenated Solvent - Spent Non-halogenated Solvent |
| 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

| DO | 1 | |
|-----|------------------------------|---|
| | UN number | UN1950 |
| | UN proper shipping name | Aerosols, flammable, Limited Quantity |
| | Transport hazard class(es) | |
| | Class | 2.1 |
| | Subsidiary risk | - |
| | Label(s) | 2.1 |
| | Packing group | Not applicable. |
| | Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| | Special provisions | N82 |
| | Packaging exceptions | 306 |
| | Packaging non bulk | 304 |
| | Packaging bulk | None |
| IAT | | |
| | 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 | 10L |
| | • • | Read safety instructions, SDS and emergency procedures before handling. |
| | Other information | |
| | Passenger and cargo | Allowed with restrictions. |
| | aircraft | |
| | Cargo aircraft only | Allowed with restrictions. |
| IME |)G | |
| | UN number | UN1950 |
| | UN proper shipping name | AEROSOLS, Limited Quantity |
| | Transport hazard class(es) | |
| | Class | 2 |
| | Subsidiary risk | - |
| | Packing group | Not applicable. |
| | Environmental hazards | |
| | Marine pollutant | No. |
| | EmS | F-D, S-U |
| | Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| | | |

15. Regulatory information

| io. Regulatory information | | | |
|---|--|---|--|
| US federal regulations | This product is a "Hazardous Standard, 29 CFR 1910.1200 | Chemical" as defined by the OSHA Hazard Communication | |
| TSCA Section 12(b) Export | Notification (40 CFR 707, Sub | pt. D) | |
| Not regulated. | • | | |
| SARA 304 Emergency relea | ase notification | | |
| OSHA Specifically Regulat | Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) | | |
| US EPCRA (SARA Title III) | Not regulated. US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance | | |
| Not listed. CERCLA Hazardous Subst | ance List (40 CER 302 4) | | |
| 3,3-dimethylpentane (C/ | · · · · | Listed. | |
| acetone (CAS 67-64-1) | | Listed. | |
| CERCLA Hazardous Subst | ances: Reportable quantity | | |
| 3,3-dimethylpentane (C/ acetone (CAS 67-64-1) | AS 562-49-2) | 100 LBS 5000 LBS | |
| | ng in the loss of any ingredient a 424-8802) and to your Local Eme | t or above its RQ require immediate notification to the National ergency Planning Committee. | |
| Clean Air Act (CAA) Sectio | n 112 Hazardous Air Pollutant | s (HAPs) List | |
| Not regulated. Clean Air Act (CAA) Sectio | n 112(r) Accidental Release Pr | revention (40 CFR 68.130) | |
| Not regulated. | | | |
| Safe Drinking Water Act (SDWA) | Not regulated. | | |
| Drug Enforcement Adminis Code Number | stration (DEA). List 2, Essentia | I Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical | |
| acetone (CAS 67-64-1) Drug Enforcement Adminis | stration (DEA). List 1 & 2 Exem | 6532 pt Chemical Mixtures (21 CFR 1310.12(c)) | |
| acetone (CAS 67-64-1) | | 35 %WV | |
| DEA Exempt Chemical Mix | tures Code Number | | |
| acetone (CAS 67-64-1) | Pagnirotony Haalth and Safaty | 6532 r in the Flavor Manufacturing Workplace | |
| acetone (CAS 67-64-1) | Respiratory nearth and Salety | Low priority | |
| Food and Drug | Not regulated. | Low phoney | |
| Administration (FDA) | - | | |
| | nd Reauthorization Act of 1986 | δ (SARA) | |
| Section 311/312 Hazard categories | Immediate Hazard - Yes Delayed Hazard - No | | |
| nuzura categories | Fire Hazard - Yes | | |
| | Pressure Hazard - Yes Reactivity Hazard - No | | |
| SARA 302 Extremely | No | | |
| hazardous substance | | | |
| US state regulations | | | |
| US. California. Candidate ((a)) | Chemicals List. Safer Consume | er Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. | |
| acetone (CAS 67-64-1) | | | |
| 3-methylhexane (CAS 5 | d Community Right-to-Know A | ACT | |
| acetone (CAS 67-64-1) | 89-34-4) | | |
| carbon dioxide (CAS 12 | 4-38-9) | | |
| n-heptane (CAS 142-82 | | | |
| US. Massachusetts RTK - S | | | |
| 2-methylhexane (CAS 5 3-methylhexane (CAS 5 | | | |
| acetone (CAS 67-64-1) | | | |
| carbon dioxide (CAS 12 | 4-38-9) | | |
| | | | |

| n-heptane (| (CAS 142-82-5) |
|-------------|----------------|
|-------------|----------------|

US. Pennsylvania Worker and Community Right-to-Know Law

3,3-dimethylpentane (CAS 562-49-2) 3-methylhexane (CAS 589-34-4) acetone (CAS 67-64-1) carbon dioxide (CAS 124-38-9) n-heptane (CAS 142-82-5)

US. Rhode Island RTK

acetone (CAS 67-64-1) carbon dioxide (CAS 124-38-9) n-heptane (CAS 142-82-5)

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

| US - California Proposi | tion 65 - CRT: Listed date/Carcinogenic substance | |
|--|---|-----------------------------------|
| acetaldehyde (CAS | | |
| benzene (CAS 71-43 | · · · · · · | |
| cumene (CAS 98-82 | | |
| ethylbenzene (CAS | | |
| naphthalene (CAS 9 | | |
| • | tion 65 - CRT: Listed date/Developmental toxin | |
| benzene (CAS 71-43 | | |
| toluene (CAS 108-88 | | |
| - | tion 65 - CRT: Listed date/Male reproductive toxin | |
| benzene (CAS 71-43 | 3-2) Listed: December 26, 1997 | |
| Volatile organic compounds (VC | DC) regulations | |
| EPA | | |
| VOC content (40 CFR 51.100(s)) | 9.2 % | |
| Consumer products (40 CFR 59, Subpt. C) | Compliant | |
| State | | |
| Consumer products | This product is regulated as a Carburetor Cleaner. This product states. | ct is compliant for use in all 50 |
| VOC content (CA) | 9.2 % | |
| VOC content (OTC) | 9.2 % | |
| International Inventories | | |
| Country(s) or region | Inventory name | On inventory (yes/no)* |
| Australia | Australian Inventory of Chemical Substances (AICS) | No |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | Yes |
| China | Inventory of Existing Chemical Substances in China (IECSC) | No |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| 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 | No |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |
| *A "Vee" indicates that all some | a set a fitis sea durat a second constant de since stance se suis seconda a desinista e | |

*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

02-28-2014

| Revision date | 06-13-2017 |
|-----------------------------|--|
| Prepared by | Allison Yoon |
| Version # | 03 |
| Further information | CRC # 920B |
| 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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| Revision Information | This document has undergone significant changes and should be reviewed in its entirety. |