



SAFETY DATA SHEET

1. Identification

| | |
|---|--|
| Product identifier | Quick Flow™ Emergency Diesel-Gel Relief - 887 mL |
| Other means of identification | |
| Product Code | No. 75911 (Item #1006410) |
| Recommended use | Fuel additive |
| Recommended restrictions | None known. |
| Manufacturer/Importer/Supplier/Distributor information | |
| Manufactured or sold by: | |
| Company name | CRC Canada Co. |
| Address | 83 Galaxy Blvd Unit 35 - 37 Toronto, ON M9W 5X6 Canada |
| Telephone | |
| General Information | 416-847-7750 |
| 24-Hour Emergency (CHEMTREC) | 800-424-9300 (Canada) |
| Website | www.crc-canada.ca |
| E-mail | Support.CA@crcindustries.com |

2. Hazard identification

| | | |
|------------------------------|--|-----------------------------|
| Physical hazards | Flammable liquids | Category 3 |
| Health hazards | Acute toxicity, inhalation | Category 4 |
| | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2 |
| | Carcinogenicity | Category 2 |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| | Specific target organ toxicity, repeated exposure | Category 2 |
| | Aspiration hazard | Category 1 |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard | Category 2 |
| | Hazardous to the aquatic environment, long-term hazard | Category 2 |

Label elements



Signal word

Danger

Hazard statement

Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause drowsiness or dizziness. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Do not breathe mist or vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing 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. In case of fire: Do not use water jet as an extinguisher, as this will spread the fire. Collect spillage.

Storage

Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

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

Other hazards

None known.

Supplemental information

None.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|---|--------------------------|------------|-----------|
| distillates (petroleum), hydrotreated light | | 64742-47-8 | 30 - 60 |
| naphtha (petroleum), hydrotreated heavy | | 64742-48-9 | 30 - 60 |
| oleic acid | | 112-80-1 | 1 - 5 |
| solvent naphtha (petroleum), heavy arom. | | 64742-94-5 | 1 - 5 |
| 1,2,4-trimethylbenzene | | 95-63-6 | 0.5 - 1.5 |
| 2-ethylhexanol | | 104-76-7 | 0.1 - 1 |
| naphthalene | | 91-20-3 | 0.1 - 1 |

The exact percentage (concentration) of composition has been withheld as a trade secret.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation

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

Skin contact

Take off immediately all 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. Diarrhea. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information

Take off all contaminated clothing immediately. 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. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media

Water fog. Alcohol resistant foam. Dry chemical powder. Dry chemicals. Carbon dioxide (CO₂).

| | |
|--|---|
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | Flammable liquid and vapor. |

6. Accidental release measures

| | |
|--|---|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. 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 | Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water. Prevent product from entering drains. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. 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. |

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. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. |
| Conditions for safe storage, including any incompatibilities | Keep away from heat and sources of ignition. Store in a cool, dry place out of direct sunlight. Keep container tightly closed. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). |

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components | Type | Value | Form |
|---|------|-----------------------|--------------|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | TWA | 25 ppm | |
| naphthalene (CAS 91-20-3) | TWA | 10 ppm | |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | TWA | 200 mg/m ³ | Non-aerosol. |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value | Form |
|--------------------------------------|------|-----------------------|------|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | TWA | 123 mg/m ³ | |

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

| Components | Type | Value | Form |
|--|------|-----------|--------|
| | | 25 ppm | |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | TWA | 200 mg/m3 | Vapor. |
| naphthalene (CAS 91-20-3) | STEL | 79 mg/m3 | |
| | | 15 ppm | |
| | TWA | 52 mg/m3 | |
| | | 10 ppm | |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | TWA | 200 mg/m3 | Vapor. |

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

| Components | Type | Value | Form |
|--|------|-----------|--------------|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | TWA | 25 ppm | |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | TWA | 200 mg/m3 | Non-aerosol. |
| naphthalene (CAS 91-20-3) | TWA | 10 ppm | |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | TWA | 200 mg/m3 | Non-aerosol. |

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

| Components | Type | Value | Form |
|---|------|-----------|--------------|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | TWA | 25 ppm | |
| naphthalene (CAS 91-20-3) | TWA | 10 ppm | |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | TWA | 200 mg/m3 | Non-aerosol. |

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

| Components | Type | Value |
|--|------|-----------|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | TWA | 25 ppm |
| naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9) | TWA | 525 mg/m3 |
| naphthalene (CAS 91-20-3) | TWA | 10 ppm |

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

| Components | Type | Value |
|---|------|------------|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | TWA | 123 mg/m3 |
| | | 25 ppm |
| naphthalene (CAS 91-20-3) | STEL | 79 mg/m3 |
| | | 15 ppm |
| | TWA | 52 mg/m3 |
| | | 10 ppm |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | TWA | 1590 mg/m3 |
| | | 400 ppm |

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21)

| Components | Type | Value | Form |
|--|-----------|-----------|--------|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | 15 minute | 30 ppm | |
| | 8 hour | 25 ppm | |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | 15 minute | 250 mg/m3 | Vapor. |
| | 8 hour | 200 mg/m3 | Vapor. |
| naphthalene (CAS 91-20-3) | 15 minute | 15 ppm | |
| | 8 hour | 10 ppm | |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | 15 minute | 250 mg/m3 | Vapor. |
| | 8 hour | 200 mg/m3 | Vapor. |

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines

Canada - Alberta OELs: Skin designation

| | |
|---|-----------------------------------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | Can be absorbed through the skin. |
| naphthalene (CAS 91-20-3) | Can be absorbed through the skin. |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | Can be absorbed through the skin. |

Canada - British Columbia OELs: Skin designation

| | |
|---|-----------------------------------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | Can be absorbed through the skin. |
| naphthalene (CAS 91-20-3) | Can be absorbed through the skin. |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | Can be absorbed through the skin. |

Canada - Manitoba OELs: Skin designation

| | |
|--|-----------------------------------|
| naphthalene (CAS 91-20-3) | Can be absorbed through the skin. |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | Can be absorbed through the skin. |

Canada - Ontario OELs: Skin designation

| | |
|--|-----------------------------------|
| naphthalene (CAS 91-20-3) | Can be absorbed through the skin. |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | Can be absorbed through the skin. |

Canada - Saskatchewan OELs: Skin designation

| | |
|---|-----------------------------------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | Can be absorbed through the skin. |
| naphthalene (CAS 91-20-3) | Can be absorbed through the skin. |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | Can be absorbed through the skin. |

US ACGIH Threshold Limit Values: Skin designation

| | |
|--|-----------------------------------|
| naphthalene (CAS 91-20-3) | Can be absorbed through the skin. |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | Can be absorbed through the skin. |

Appropriate engineering controls

Explosion-proof general and local exhaust ventilation. 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: Nitrile. Neoprene. Polyvinyl chloride (PVC).

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. |
| 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 contaminants. |

9. Physical and chemical properties

Appearance

| | |
|---|---------------------------------|
| Physical state | Liquid. |
| Form | Liquid. |
| Color | Amber. |
| Odor | Petroleum. |
| Odor threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | -46.8 °F (-43.8 °C) estimated |
| Initial boiling point and boiling range | 315 °F (157.2 °C) estimated |
| Flash point | 110 °F (43.3 °C) Tag Closed Cup |
| Evaporation rate | Slow. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | 0.6 % estimated |
| Flammability limit - upper (%) | 6 % estimated |
| Vapor pressure | 1.9 hPa estimated |
| Vapor density | > 1 (air = 1) |
| Relative density | 0.79 |
| Solubility(ies) | |
| Solubility (water) | Negligible. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 450 °F (232.2 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Percent volatile | 97.9 % 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 | Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | Carbon oxides. Hydrocarbons. |

11. Toxicological information

Information on likely routes of exposure

| | |
|-------------------|--|
| Inhalation | Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. |
|-------------------|--|

| | |
|---|--|
| 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. Diarrhea. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Harmful if inhaled.

| Components | Species | Test Results |
|--|----------------|-------------------------|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 3160 mg/kg |
| Oral | | |
| LD50 | Rat | 6 g/kg |
| 2-ethylhexanol (CAS 104-76-7) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 1986 mg/kg |
| Oral | | |
| LD50 | Rat | 2053 mg/kg |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rat | > 2000 mg/kg |
| Oral | | |
| LD50 | Rat | > 5000 mg/kg, 2.5 hours |
| naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 2000 mg/kg |
| Oral | | |
| LD50 | Rat | > 5000 mg/kg |
| naphthalene (CAS 91-20-3) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 20 g/kg |
| oleic acid (CAS 112-80-1) | | |
| Acute | | |
| Dermal | | |
| LD50 | Guinea pig | > 3000 mg/kg |
| Oral | | |
| LD50 | Rat | 74 g/kg |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | > 2000 mg/kg |
| Inhalation | | |
| <i>Vapor</i> | | |
| LC50 | Rat | > 22 mg/l, 4 hours |

| Components | Species | Test Results |
|--|---|--------------|
| Oral LD50 | Rat | > 5000 mg/kg |
| * Estimates for product may be based on additional component data not shown. | | |
| Skin corrosion/irritation | Causes skin irritation. | |
| Serious eye damage/eye irritation | Causes serious eye irritation. | |
| Respiratory or skin sensitization | | |
| 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. | |
| ACGIH Carcinogens | | |
| naphthalene (CAS 91-20-3) | A3 Confirmed animal carcinogen with unknown relevance to humans. | |
| Canada - Manitoba OELs: carcinogenicity | | |
| naphthalene (CAS 91-20-3) | Confirmed animal carcinogen with unknown relevance to humans. | |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | |
| naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9) | 3 Not classifiable as to carcinogenicity to humans. | |
| naphthalene (CAS 91-20-3) | 2B Possibly carcinogenic to humans. | |
| US. National Toxicology Program (NTP) Report on Carcinogens | | |
| naphthalene (CAS 91-20-3) | Known To Be Human Carcinogen. Reasonably Anticipated to be a Human Carcinogen. | |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. | |
| Specific target organ toxicity - single exposure | May cause drowsiness and dizziness. | |
| Specific target organ toxicity - repeated exposure | May cause damage to organs through prolonged or repeated exposure. | |
| Aspiration hazard | May be fatal if swallowed and enters airways. | |
| 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

Ecotoxicity Toxic to aquatic life with long lasting effects.

| Components | Species | Test Results |
|--|---------|---|
| 1,2,4-trimethylbenzene (CAS 95-63-6) | | |
| Aquatic | | |
| Fish | LC50 | Fathead minnow (<i>Pimephales promelas</i>) 7.19 - 8.28 mg/l, 96 hours |
| <i>Acute</i> | | |
| Crustacea | EC50 | Water flea (<i>Daphnia magna</i>) 3.6 mg/l, 48 hours |
| 2-ethylhexanol (CAS 104-76-7) | | |
| Aquatic | | |
| Fish | LC50 | Bluegill (<i>Lepomis macrochirus</i>) 10 - 33 mg/l, 96 hours |
| <i>Acute</i> | | |
| Crustacea | EC50 | Water flea (<i>Daphnia magna</i>) 39 mg/l, 48 hours |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8) | | |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | EC50 | Water flea (<i>Daphnia magna</i>) > 1000 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>) > 1000 mg/l, 96 hours |

| Components | Species | | Test Results |
|---|---------|---|---------------------------|
| naphthalene (CAS 91-20-3) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | 1.09 - 3.4 mg/l, 48 hours |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 1.6 mg/l, 96 hours |
| oleic acid (CAS 112-80-1) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 56 mg/l, 96 hours |
| solvent naphtha (petroleum), heavy arom. (CAS 64742-94-5) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Crustacea | EC50 | Daphnia magna | 1.1 mg/l, 48 hours |
| Fish | EC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 2 mg/l, 96 hours |
| | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 2 mg/l, 96 hours |

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

Persistence and degradability

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

naphthalene 3.3

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 instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

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

TDG

UN number UN1268
UN proper shipping name PETROLEUM PRODUCTS, N.O.S., Limited Quantity
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group III
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

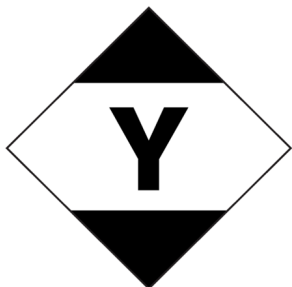
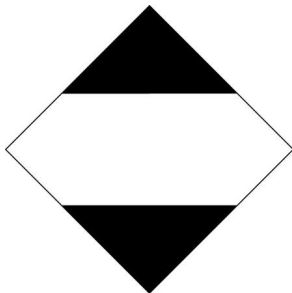
UN number UN1268
UN proper shipping name Petroleum products, n.o.s., Limited Quantity
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group III
ERG Code 3L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft Allowed with restrictions.
Cargo aircraft only Allowed with restrictions.

IMDG

UN number UN1268
UN proper shipping name PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S., Limited Quantity
Transport hazard class(es)
Class 3
Subsidiary risk -
Packing group III
Environmental hazards
Marine pollutant Yes, but exempt from the regulations.
EmS F-E, S-E
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA**IMDG; TDG**

15. Regulatory information

Canadian regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)

naphthalene (CAS 91-20-3)

Precursor Control Regulations

Not regulated.

International regulations**Stockholm Convention**

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

naphthalene (CAS 91-20-3)

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) | No |
| 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 | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| Taiwan | Taiwan Chemical Substance Inventory (TCSI) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*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**Issue date** 09-05-2019**Version #** 01**Further information** CRC # 673D/1002712

Disclaimer The information contained in this document applies to this specific material as supplied. It may not 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 Canada Co..

Revision information Product and Company Identification: Product Codes
 Accidental release measures: Personal precautions, protective equipment and emergency procedures
 Accidental release measures: Methods and materials for containment and cleaning up
 Handling and storage: Conditions for safe storage, including any incompatibilities
 Physical & Chemical Properties: Multiple Properties
 Physical and chemical properties: Oxidizing properties
 Physical and chemical properties: Explosive properties
 Ecological Information: Ecotoxicity
 Transport Information: Material Transportation Information
 GHS: Classification