



Brodi Specialty Products Ltd. (Strippo)  
3175 14th Ave Unit 1  
Markham, ON, Canada, L3R 0H1  
Telephone: (905) 475-6084

Strippo Super Remover Spray

356-15 (450 g)

SDS Preparation Date (mm/dd/yyyy): 03/23/2020

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## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Strippo**

Product Code(s) : 356-15 (450 g)

Recommended use of the chemical and restrictions on use

: Paint, varnish, and glue stripper spray.  
No restrictions on use known.

Chemical family : Mixture of: Halogenated hydrocarbon; Propellant; Alcohol; Petroleum hydrocarbon;  
Hydrocarbon; Cellulose polymer

Name, address, and telephone number of  
the supplier:

**Brodi Specialty Products Ltd.**

3175 14th Ave Unit 1  
Markham, ON, Canada,  
L3R 0H1

Supplier's Telephone # : (905) 475-6084; (877) 744-0751 (Toll Free)  
(Monday - Friday, 8:00 am - 5:00 pm, Eastern Time)

24 Hr. Emergency Tel # : In case of transportation emergencies: (613) 996-6666 (CANUTEC)

Name, address, and telephone number of  
the manufacturer:

Refer to supplier

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear liquid, contained in a pressurized aerosol can. Ether like odour.

*Most important hazards:*

Closed containers are contained under pressure and may explode if exposed to excess heat for a prolonged period of time.  
Harmful if swallowed. Irritating to eyes, respiratory system and skin. Inhalation may cause central nervous system depression.  
Possible cancer hazard - contains material which may cause cancer. Contains material which can cause birth defects based on animal data. May cause damage to organs through prolonged or repeated exposure. Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.  
Harmful to aquatic life. Avoid release to the environment. See Section 12 for more environmental information.

This material is classified as hazardous under Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).  
Classification:

Gas Under Pressure  
Acute toxicity - Category 4 (Oral)  
Skin irritation - Category 2  
Eye irritation - Category 2A  
Carcinogen - Category 2  
Reproductive toxicity - Category 2  
Specific target organ toxicity, single exposure - Category 1  
Specific target organ toxicity, single exposure - Category 3 (Narcotic effects; Respiratory irritation)  
Specific target organ toxicity, repeated exposure - Category 2

Label elements

Hazard pictogram(s)



Signal Word  
DANGER!



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### *Hazard statement(s)*

Contains gas under pressure; may explode if heated.  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
Suspected of causing cancer.  
Suspected of damaging the unborn child.  
Causes damage to the optic nerves (eyes) if swallowed.  
May cause damage to organs through prolonged or repeated exposure.

### *Precautionary statement(s)*

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe mist or vapor.  
Wash exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/clothing and eye/face protection.

If exposed or concerned: Call a POISON CENTER or doctor/physician.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

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 INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

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

Store locked up.

Protect from sunlight.

Dispose of contents/container in accordance with local regulation.

### **Other hazards**

*Other hazards which do not result in classification:*

Toxic fumes, gases or vapours may evolve on burning. On prolonged contact with water, may slowly decompose to form Hydrochloric acid. May cause gastrointestinal irritation.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
<b>Methylene chloride</b>	Dichloromethane	75-09-2	<b>65.0 - 85.0</b>
<b>Isobutane</b>	2-Methylpropane Trimethylmethane	75-28-5	<b>7.0 - 13.0</b>
<b>Propane</b>	Dimethylmethane Propyl hydride	74-98-6	<b>5.0 - 10.0</b>
<b>Methyl alcohol</b>	Carbinol Methanol Methyl hydrate	67-56-1	<b>5.0 - 10.0</b>
<b>Solvent naphtha (petroleum), medium aliphatic</b>	White spirit stoddard solvent	64742-88-7	<b>1.0 - 5.0</b>
<b>Toluene</b>	Methylbenzene Phenylmethane	108-88-3	<b>1.0 - 4.0</b>

The exact concentrations of the above listed chemicals are being withheld as a trade secret.



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### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Never give anything by mouth to an unconscious person.
- Inhalation* : IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing stops, provide artificial respiration. Call a POISON CENTER or doctor/physician if you feel unwell.
- Skin contact* : IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
- Eye contact* : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Flush eyes with water for at least 15 minutes. If eye irritation persists: get medical advice/attention.

#### Most important symptoms and effects, both acute and delayed

- : Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May metabolize in the body to form Carbon monoxide. Carbon monoxide may reduce the oxygen-carrying capacity of the blood, causing oxygen deprivation. Symptoms may include inability to concentrate, reduced coordination and weakness. Causes skin irritation. Contact may cause redness, swelling and a painful sensation. Prolonged contact, such as when trapped against the skin under clothing or jewelry, may be more irritating. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. Inhalation may cause headache, nausea and central nervous effects such as dizziness, coordination difficulties and unconsciousness. Inhalation could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed. Suspected of causing cancer. Symptoms may include persistent coughing, shortness of breath, coughing up blood and wheezing. Suspected of damaging the unborn child. Symptoms may include malformations (e.g. cleft palate, exencephaly, skeletal anomalies), increased fetal resorptions, and decreased numbers of live fetuses. Additional symptoms in offspring may include reduced fetal weight, behavioral effects, delayed skeletal formation and hearing loss. Causes damage to the optic nerves (eyes) if swallowed. Affected person could experience a latent period of no symptoms, followed by blurred vision and possibly blindness. May cause damage to organs through prolonged or repeated exposure. Contains: Methylene chloride; Toluene. Prolonged or repeated overexposure could cause disorders of the nervous system, liver and kidneys. Toluene may cause damage to the brain and nervous system through prolonged or repeated exposure, if inhaled.

#### Indication of any immediate medical attention and special treatment needed

- : Provide general supportive measures and treat symptomatically. 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.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

##### *Suitable extinguishing media*

- : Dry chemical, foam, carbon dioxide and water fog.

##### *Unsuitable extinguishing media*

- : Do not use water jet, as this may spread burning material.



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### Special hazards arising from the substance or mixture / Conditions of flammability

- : Not considered flammable. Closed containers are contained under pressure and may explode if exposed to excess heat for a prolonged period of time. Vapours are heavier than air and collect in confined and low-lying areas. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Toxic fumes, gases or vapors may evolve on burning.

### Hazardous combustion products

- : Carbon oxides; Chlorine ; Phosgene ;Hydrogen chloride gas; Aldehydes; Reactive hydrocarbons; Other unidentified organic compounds

### Special protective equipment and precautions for firefighters

#### *Protective equipment for fire-fighters*

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.  
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

#### *Special fire-fighting procedures*

- : Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Shield personnel to protect from venting or rupturing containers. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- : All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

**Environmental precautions** : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

### Methods and material for containment and cleaning up

- : Ventilate area of release. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. For spilled liquids: absorb spill with inert, non-combustible material such as sand, then place into suitable containers. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required. For waste disposal, see Section 13 of the SDS.

## SECTION 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.  
Use only outdoors or in a well-ventilated area. Wear suitable protective equipment during handling. Wear protective gloves/clothing and eye/face protection. Do not breathe vapours or spray mist. Do not ingest. Avoid contact with skin, eyes and clothing. Keep away from heat and flame. Keep away from incompatibles. Wash thoroughly after handling. Always replace cap after use. Empty containers retain residue (liquid and/or vapour) and can be dangerous.

**Conditions for safe storage** : Store in a cool, dry, well ventilated area, away from incompatibles. Inspect periodically for damage or leaks. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Keep away from incompatibles.

**Incompatible materials** : Strong oxidizing agents; Amines; Acids; Alkali metals



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### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Limits:

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Methylene chloride	50 ppm	N/Av	25 ppm	125 ppm
Isobutane	1000 ppm (as 'Butane, all isomers')	N/Av	N/Av	N/Av
Propane	N/Av	N/Av	1000 ppm (1800 mg/m <sup>3</sup> )	N/Av
Methyl alcohol	200 ppm (skin)	250 ppm (skin)	200 ppm (260 mg/m <sup>3</sup> )	N/Av
Solvent naphtha (petroleum), medium aliphatic	N/Av	N/Av	500 ppm (2000 mg/m <sup>3</sup> ) (as petroleum distillates, naphtha)	N/Av
Toluene	20 ppm	N/Av	200 ppm	300 ppm (Ceiling)

#### Exposure controls

##### Ventilation and engineering measures

- : Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

##### Respiratory protection

- : If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with CSA Z94.4-02. Advice should be sought from respiratory protection specialists.

##### Skin protection

- : Wear protective gloves/clothing. Wear as appropriate: polyvinyl alcohol. Frequent change is advisable. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear resistant clothing and boots.

##### Eye / face protection

- : Wear eye/face protection. Wear as appropriate: Tightly fitting safety goggles; Safety glasses with side shields. A full face shield may also be necessary.

##### Other protective equipment

- : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.

##### General hygiene considerations

- : Do not breathe vapours or spray mist. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Wash hands thoroughly after using this product, and before eating, drinking or smoking. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear liquid, contained in a pressurized aerosol can.
- Odour** : Ether like odour.
- Odour threshold** : 214 ppm
- pH** : N/Av
- Melting/Freezing point** : N/Av
- Initial boiling point and boiling range** : 40°C (104°F)



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**Flash point** : 40°C (104°F)  
**Flashpoint (Method)** : closed cup  
**Evaporation rate (BuAe = 1)** : < 12 (butyl acetate = 1)  
**Flammability (solid, gas)** : Not applicable.  
**Lower flammable limit (% by vol.)** : 1.8% (Propellant)  
**Upper flammable limit (% by vol.)** : 9.5% (Propellant)  
**Oxidizing properties** : None known.  
**Explosive properties** : Aerosols are sensitive to mechanical impact.  
Closed containers are contained under pressure and may explode if exposed to excess heat for a prolonged period of time.  
**Vapour pressure** : 285 mmHg  
**Vapour density** : 2.6 (Air = 1.0)  
**Relative density / Specific gravity** : 1.21  
**Solubility in water** : Emulsifies  
**Other solubility(ies)** : N/Av  
**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution** : N/Av  
**Auto-ignition temperature** : 460°C (860°F) (Isobutane)  
**Decomposition temperature** : N/Av  
**Viscosity** : > 100 mm<sup>2</sup>/sec @ 21°C (69.8°F) (concentrate)  
**Volatiles (% by weight)** : 98%  
**Volatile organic Compounds (VOC's)** : N/Av  
**Absolute pressure of container** : 310 kPa @ 21°C (69.8°F)  
**Flame projection length** : None detected.  
**Other physical/chemical comments** : Chemical heat of combustion: 14.045 kJ/g

### SECTION 10. STABILITY AND REACTIVITY

**Reactivity** : Not normally reactive.  
**Chemical stability** : Stable under the recommended storage and handling conditions prescribed. On prolonged contact with water, may slowly decompose to form Hydrochloric acid.  
**Possibility of hazardous reactions** : Hazardous polymerization will not occur.  
**Conditions to avoid** : Avoid heat and open flame. Avoid contact with incompatible materials. Do not use in areas without adequate ventilation. Protect from sunlight.  
**Incompatible materials** : Strong oxidizing agents; Amines; Acids; Alkali metals  
**Hazardous decomposition products** : Hydrochloric acid. Refer to Section 5 for additional 'Hazardous combustion products'.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

**Routes of entry inhalation** : YES  
**Routes of entry skin & eye** : YES  
**Routes of entry Ingestion** : YES



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### Routes of exposure skin absorption

: YES

### Potential Health Effects:

#### Signs and symptoms of short-term (acute) exposure

##### *Sign and symptoms Inhalation*

- : May cause respiratory irritation. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. Inhalation may cause headache, nausea and central nervous effects such as dizziness, coordination difficulties and unconsciousness. Could result in pulmonary edema (fluid accumulation). Symptoms of pulmonary edema (chest pain, shortness of breath) may be delayed.

##### *Sign and symptoms ingestion*

- : Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May metabolize in the body to form Carbon monoxide. Carbon monoxide may reduce the oxygen-carrying capacity of the blood, causing oxygen deprivation. Symptoms may include inability to concentrate, reduced coordination and weakness.

##### *Sign and symptoms skin*

- : Causes skin irritation. Contact may cause redness, swelling and a painful sensation. Symptoms may include redness and possibly blistering, if product is left on the skin.

##### *Sign and symptoms eyes*

- : May cause moderate to severe irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

#### Potential Chronic Health Effects

- : Prolonged skin contact may cause dermatitis (rash), characterized by red, dry, itching skin.

#### Mutagenicity

- : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

#### Carcinogenicity

- : This material is classified as hazardous under Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:  
Carcinogen - Category 2. Suspected of causing cancer.  
This product contains Methylene chloride, which is classified as possibly carcinogenic by IARC (Group 2A), the ACGIH (Category A3) and the NTP. Symptoms may include persistent coughing, shortness of breath, coughing up blood and wheezing.

#### Reproductive effects & Teratogenicity

- : This material is classified as hazardous under Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:  
Reproductive toxicity - Category 2. Suspected of damaging the unborn child.  
Contains: Methanol; Toluene. Methanol has been shown to produce fetotoxicity in the embryo or fetus in laboratory animals. Toluene may cause fetotoxic effects at doses which are not maternally toxic, based on animal data. Symptoms may include malformations (e.g. cleft palate, exencephaly, skeletal anomalies), increased fetal resorptions, and decreased numbers of live fetuses. Additional symptoms in offspring may include reduced fetal weight, behavioral effects, delayed skeletal formation and hearing loss.

#### Sensitization to material

- : No data available to indicate product or components may be respiratory sensitizers.  
No data available to indicate product or components may be skin sensitizers.





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**Specific target organ effects** : This material is classified as hazardous under Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:  
Specific target organ toxicity, single exposure - Category 1. Causes damage to the optic nerves (eyes) if swallowed.  
Contains: Methanol. Inhalation of methanol vapours may cause substantial visual effects, including irritation, blurred vision, and blindness. Affected person could experience a latent period of no symptoms, followed by blurred vision and possibly blindness.  
Specific target organ toxicity, single exposure - Category 3  
May cause respiratory irritation. May cause drowsiness or dizziness.  
Specific target organ toxicity, repeated exposure - Category 2. May cause damage to organs through prolonged or repeated exposure.  
This product contains: Methylene chloride; Toluene. Prolonged or repeated overexposure could cause disorders of the nervous system, liver and kidneys. Toluene may cause damage to the brain and nervous system through prolonged or repeated exposure, if inhaled.

### Medical conditions aggravated by overexposure

: Pre-existing skin, eye, respiratory and central nervous system disorders. Liver disorders; kidney disease.

### Synergistic materials

: None known or reported by the manufacturer.

### Toxicological data

: This material is classified as hazardous under Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:  
Acute toxicity - Category 4. Harmful if swallowed.  
No data is available on the product itself. The calculated ATE values for this mixture are:  
ATE oral = 1379 mg/kg  
ATE dermal = 6329 mg/kg  
ATE inhalation (vapours) = 59 mg/L/4H

See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub> (4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Methylene chloride	22 170 ppm (77.01 mg/L) (vapour)	1400 mg/kg	> 2000 mg/kg
Isobutane	368 000 ppm (mouse)	N/Ap (gas)	N/Ap (gas)
Propane	N/Av	N/Ap (gas)	N/Ap (gas)
Methyl alcohol	> 5000 ppm/6H (4.1 mg/L/4H (vapour)	5628 mg/kg (rat) The estimated human lethal dose is: 300 - 1000 mg/kg	> 393 mg/kg (Monkey) 15 800 mg/kg (rabbit)
Solvent naphtha (petroleum), medium aliphatic	> 5.5 mg/L (vapour)	> 5000 mg/kg (No mortality)	> 2000 mg/kg (No mortality)
Toluene	7585 ppm (28.1 mg/L) (vapour)	5580 mg/kg	12 125 mg/kg

### Other important toxicological hazards

: Reports have associated repeated and prolonged occupational overexposure to various organic solvents with internal organ, brain and nervous system damage.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

: Harmful to aquatic life. No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. The product contains halogenated hydrocarbons. Contains: Methylene chloride. This product contains the following substance which may also be hazardous for the environment: Solvent naphtha (petroleum), medium aliphatic; Toluene.  
See the following tables for individual ingredient ecotoxicity data.





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### Ecotoxicity data:

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Methylene chloride	75-09-2	193 mg/L (Fathead minnow)	83 mg/L/28-day (Fathead minnow)	None.
Isobutane	75-28-5	N/Ap	N/Ap	N/Ap
Propane	74-98-6	N/Ap	N/Ap	N/Ap
Methyl alcohol	67-56-1	15 400 mg/L (Bluegill sunfish)	446.7 mg/L/28-day (Fathead minnow) (QSAR)	None.
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	2 - 5 mg/L (Rainbow trout)	0.098 mg/L/28-day (QSAR) (NOEL)	None.
Toluene	108-88-3	5.4 mg/L (pink salmon)	1.4 - 4.0 mg/L	None.

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Methylene chloride	75-09-2	27 mg/L (Daphnia magna)	6.2 - 13.3 mg/L	None.
Isobutane	75-28-5	N/Ap	N/Ap	N/Ap
Propane	74-98-6	N/Ap	N/Ap	N/Ap
Methyl alcohol	67-56-1	> 10 000 mg/L (Daphnia magna)	208 mg/L (QSAR)	None.
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	1.4 mg/L (Daphnia magna)	0.48 mg/L (QSAR) (NOEL)	None.
Toluene	108-88-3	3.78 mg/L Ceriodaphnia (water flea)	0.53 - 1 mg/L	None.

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Methylene chloride	75-09-2	662 mg/L/96hr (Green algae)	56 mg/L/96hr	None.
Isobutane	75-28-5	N/Ap	N/Ap	N/Ap
Propane	74-98-6	N/Ap	N/Ap	N/Ap
Methyl alcohol	67-56-1	22 000 mg/L/96hr (Green algae)	N/Av	None.
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	1 - 3 mg/L/72hr (Green algae)	1 mg/L/72hr (Green algae) (NOEL)	None.
Toluene	108-88-3	N/Av	10 mg/L/72hr (Green algae)	None.

### Persistence and degradability

- : No data is available on the product itself.  
The following ingredients are considered to be readily biodegradable: Methylene chloride; Methanol; Solvent Naphtha (Petroleum) Medium Aliphatic; Toluene.



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**Bioaccumulation potential** : No data is available on the product itself. See the following data for ingredient information.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Methylene chloride (CAS 75-09-2)	1.24	6.4 - 40
Isobutane (CAS 75-28-5)	2.76 (calculated)	27 (estimated)
Methyl alcohol (CAS 67-56-1)	- 0.82 to - 0.64	< 10 (common carp)
Solvent naphtha (petroleum), medium aliphatic (CAS 64742-88-7)	3.7 - 6.7	142 - 11,430 (Fish) (calculated)
Toluene (CAS 108-88-3)	2.65	90

**Mobility in soil** : No data is available on the product itself.

**Other Adverse Environmental effects**







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

### SECTION 13. DISPOSAL CONSIDERATIONS

**Handling for Disposal** : Handle waste according to recommendations in Section 7. Empty containers retain residue (liquid and/or vapour) and can be dangerous. This material and its container must be disposed of in a safe way.  
Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**Methods of Disposal** : Dispose of in accordance with federal, provincial and local hazardous waste laws.

### SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN1950	AEROSOLS	2.2	None	 
TDG Additional information	May be shipped as a LIMITED QUANTITY in containers no larger than 125 mL, in packages not exceeding 30 kg gross mass.				
ICAO/IATA	UN1950	Aerosols, non-flammable, containing substances in Division 6.1, Packing Group III	2.2	None	 
ICAO/IATA Additional information	Refer to the appropriate Packing Instruction, prior to shipping this material. Review all State and Operator Variations, prior to shipping this material.				
IMDG	UN1950	AEROSOLS	2.2	None	 
IMDG Additional information	May be shipped as a limited quantity when in containers no larger than 120 mL, in packages not exceeding 30 kg gross mass.				

**Special precautions for user** : Appropriate advice on safety must accompany the package. Avoid release to the environment.

**Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.



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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not applicable.

### SECTION 15 - REGULATORY INFORMATION

#### Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Canadian National Pollutant Release Inventory (NPRI): This product contains the following substances listed on the NPRI:

- Methylene chloride (Part 1, Group A Substance)
- Propane (Part 5: Individual Substances)
- Methanol (Part 1, Group A Substance; Part 5: Individual Substances)
- Solvent naphtha (petroleum), medium aliphatic (Part 5: Other groups and mixtures)
- Toluene (Part 1, Group A Substance; Part 5: Individual Substances)

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

#### US Federal Information:

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

#### International Information:

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	<u>CAS #</u>	<u>European EINECS</u>	<u>Australia AICS</u>	<u>Philippines PICCS</u>	<u>Japan ENCS</u>	<u>Korea KECI/KECL</u>	<u>China IECSC</u>	<u>New Zealand IOC</u>
Methylene chloride	75-09-2	200-838-9	Present	Present	(2)-36	KE-23893	Present	HSR001540
Isobutane	75-28-5	200-857-2	Present	Present	(2)-4	KE-24865	Present	HSR001003
Propane	74-98-6	200-827-9	Present	Present	(2)-3	KE-29258	Present	HSR001010
Methyl alcohol	67-56-1	200-659-6	Present	Present	(2)-201	KE-23193	Present	HSR001186
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	265-191-7	Present	Present	(9)-1700	KE-31664	Present	May be used as a single component chemical under an appropriate group standard.
Toluene	108-88-3	203-625-9	Present	Present	(3)-2	KE-33936	Present	HSR001227

### SECTION 16. OTHER INFORMATION

#### **Legend**

- : ACGIH: American Conference of Governmental Industrial Hygienists  
AICS: Australian Inventory of Chemical Substances  
ATE: Acute Toxicity Estimate  
CAS: Chemical Abstract Services  
CSA: Canadian Standards Association  
EC50: Effective Concentration 50%  
EINECS: European Inventory of Existing Commercial chemical Substances  
HSDB: Hazardous Substances Data Bank  
IARC: International Agency for Research on Cancer  
IATA: International Air Transport Association  
IBC: Intermediate Bulk Container  
IECSC: Inventory of Existing Chemical Substances  
IMDG: International Maritime Dangerous Goods  
Inh: Inhalation  
IOC: Inventory of Chemicals  
ISHL: Industrial Safety Health Law



Strippo Super Remover Spray

356-15 (450 g)

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## SAFETY DATA SHEET

KECI: Korean Existing Chemicals Inventory  
KECL: Korean Existing Chemicals List  
LC: Lethal Concentration  
LD: Lethal Dose  
N/Ap: Not Applicable  
N/Av: Not Available  
NIOSH: National Institute of Occupational Safety and Health  
NOEC: No observable effect concentration  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Administration  
PEL: Permissible exposure limit  
PICCS: Philippine Inventory of Chemicals and Chemical Substances  
RTECS: Registry of Toxic Effects of Chemical Substances  
SCBA: Self-Contained Breathing Apparatus  
SDS: Safety Data Sheet  
STEL: Short Term Exposure Limit  
TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
TLV: Threshold Limit Values  
TWA: Time Weighted Average  
WHMIS: Workplace Hazardous Materials Identification System

### References

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2017.
- 2. International Agency for Research on Cancer Monographs, searched 2018.
- 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2018 (Chempendium, HSDB and RTECs).
- 4. Material Safety Data Sheets from manufacturer.
- 5. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2018.

### Preparation Date (mm/dd/yyyy)

: 03/23/2020

### Other special considerations for handling

: Provide adequate information, instruction and training for operators.

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