

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 1 of 13

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Super Remover for GLUE**

Product Code(s) : 1011 & 1014

Recommended use of the chemical and restrictions on use

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

Chemical family : Mixture

Name, address, and telephone number  
of the supplier:

Name, address, and telephone number of  
the manufacturer:

**Distribution J. Des Serres Inc. (Super Remover)**

Refer to supplier

619 Rue du Luxembourg  
Granby, QC, Canada  
J2J 2V2

Supplier's Telephone # : (450) 770-2948; (866) 772-2948 (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)

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear gel liquid. Ether like odour.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:

Flammable Liquids - Category 3

Acute toxicity - Category 4 (Oral)

Skin irritation - Category 2

Serious eye damage/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!

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 2 of 13

## SAFETY DATA SHEET

### Hazard statement(s)

Flammable liquid and vapour.  
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.  
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Keep container tightly closed.  
Ground and bond container and receiving equipment.  
Use explosion-proof electrical and ventilating equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
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.

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>
Methylene chloride	Dichloromethane	75-09-2	65.0 - 85.0
Methyl alcohol	Carbinol Methanol Methyl hydrate	67-56-1	5.0 - 10.0

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 3 of 13

## SAFETY DATA SHEET

Solvent naphtha (petroleum), medium aliphatic	White spirit stoddard solvent	64742-88-7	1.0 - 5.0
Toluene	Methylbenzene Phenylmethane	108-88-3	1.0 - 5.0

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

### 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

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 4 of 13

## SAFETY DATA SHEET

*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. .

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

- : Flammable liquid and vapour. 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.

**Flammability classification (OSHA 29 CFR 1910.106)**

- : Flammable Liquids - Category 3

**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. Use only non-sparking tools. 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.

**Special spill response procedures**

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).  
US CERCLA Reportable quantity (RQ): See section 15.

In Canada: Contact appropriate local and provincial environmental authorities for assistance and/or reporting requirements.

### SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling**

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 5 of 13

## SAFETY DATA SHEET

- : 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. Wash thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Bond and ground transfer containers and equipment. Keep away from incompatibles. Take precautionary measures against static discharges. Use only non-sparking tools. Keep container tightly closed. Use explosion-proof electrical and ventilating equipment. 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

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b><u>Exposure Limits:</u></b>				
<b><u>Chemical Name</u></b>	<b><u>ACGIH TLV</u></b>		<b>OSHA PEL</b>	
	<b>TWA</b>	<b>STEL</b>	<b><u>PEL</u></b>	<b><u>STEL</u></b>
Methylene chloride	50 ppm	N/Av	25 ppm	125 ppm
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. Use explosion-proof electrical and ventilating 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. 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**

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 6 of 13

## SAFETY DATA SHEET

: 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 colourless liquid.  
**Odour** : Ether like odour.

**Odour threshold** : 214 ppm  
**pH** : 7.5  
**Melting/Freezing point** : N/Av

#### Initial boiling point and boiling range

: 40°C (104°F)

**Flash point** : 40°C (104°F)  
**Flashpoint (Method)** : closed cup

**Evaporation rate (BuAe = 1)** : 97

**Flammability (solid, gas)** : Not applicable.  
**Lower flammable limit (% by vol.)** : Not available.

**Upper flammable limit (% by vol.)** : Not available.

**Oxidizing properties** : None known.

**Explosive properties** : Not explosive  
**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** : Not applicable.

**Decomposition temperature** : N/Av  
**Viscosity** : 1850 cps at 25°C  
**Volatiles (% by weight)** : Not available.

**Volatile organic Compounds (VOC's)** : N/Av

**Absolute pressure of container**



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Telephone: (450) 770 2948

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- Flame projection length** : Not applicable.  
: None detected.
- Other physical/chemical comments**  
: None known or reported by the manufacturer.

#### 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.

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 7 of 13

## SAFETY DATA SHEET

- 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** : See Section 7 (Handling and Storage) for further details.
- Hazardous decomposition products** : See Section 5 (Fire Fighting Measures).

### 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

- 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



Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 8 of 13

## SAFETY DATA SHEET

- : 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** : Not expected to be a skin or respiratory sensitizer.

**Specific target organ effects** : This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and 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.

Specific Target Organ Toxicity (STOT), Single Exposure: Category 3  
May cause respiratory irritation. May cause drowsiness or dizziness.

Specific target organ toxicity (STOT), repeated exposure - Category 2  
May cause damage to the central 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** : 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
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.

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 9 of 13

## SAFETY DATA SHEET

### 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.
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.
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.
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.

### Bioaccumulation potential

- : No data is available on the product itself. See the following data for ingredient information.

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 10 of 13

## SAFETY DATA SHEET

<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
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) (calculate)
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.

**RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

### SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN1992	FLAMMABLE LIQUID, TOXIC, N.O.S. (Methylene Chloride, Methanol)	3(6.1)	III	 
<b>TDG Additional information</b>	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
49CFR/DOT	UN1992	Flammable liquids, toxic, n.o.s.	3(6.1)	III	 
<b>49CFR/DOT Additional information</b>	May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. Refer to 49 CFR Section 173.150.				

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



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

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

: Not applicable.



Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

## SAFETY DATA SHEET

### SECTION 15 - REGULATORY INFORMATION

#### US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Methylene chloride	75-09-2	Yes	1000 lb/ 454 kg	None.	Yes	0.1%
Methyl alcohol	67-56-1	Yes	5000 lbs / 2270 kg	None.	Yes	1%
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	Yes	None.	None.	No	N/Ap
Toluene	108-88-3	Yes	1000 lb/ 454 kg	None.	Yes	1%

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Physical hazards: Flammable. Health hazards :Skin irritation, Eye irritation, Reproductive toxicity, Carcinogenicity, Specific target organ toxicity, single exposure, Specific target organ toxicity, repeated exposure.

Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

#### US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Methylene chloride	75-09-2	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes
Methyl alcohol	67-56-1	Yes	Developmental	Yes	Yes	Yes	Yes	Yes	Yes
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	No	N/Ap	No	No	No	Yes	No	No
Toluene	108-88-3	Yes	Developmental	Yes	Yes	Yes	Yes	Yes	Yes

#### 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)
- 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.

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 12 of 13

## SAFETY DATA SHEET

### 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>NewZealand IOC</u>
Methylene chloride	75-09-2	200-838-9	Present	Present	(2)-36	KE-23893	Present	HSR001540
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  
 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

Super Remover for GLUE

SDS Preparation Date (mm/dd/yyyy): 05/30/2018

Page 13 of 13

## SAFETY DATA SHEET

- References** :
1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2016
  2. International Agency for Research on Cancer Monographs, searched 2017
  3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases, 2017(Chempendium, HSDB and RTECs).
  4. Material Safety Data Sheets from manufacturer.
  5. US EPA Title III List of Lists - 2017 version.
  6. California Proposition 65 List - 2017 version.
  7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,2017.

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

: 05/30/2018

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

<p><b><u>Prepared for:</u></b> Distribution J. Des Serres Inc. (Super Remover) 619 Rue du Luxembourg Granby, QC, Canada, J2J 2V2 Telephone: (450) 770-2948 Direct all enquiries to: Distribution J. Des Serres Inc. (Super Remover)</p>	
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