

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

**Product Identifier:** RP-OTEC DEGREASER  
**Recommended Use:** SOLVENT DEGREASER, PARTS WASHER, TAR REMOVER  
**Restrictions on Use:** INDUSTRIAL OR PROFESSIONAL USE ONLY  
**Supplier:** SHARE CANADA  
**Address:** 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7  
**Telephone Number:** (204) 633-8553 **Fax:** (204) 633-8453  
**Emergency telephone number:** CANUTEC: (613) 996-6666

## SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: FLAMMABLE LIQUID AND VAPOUR, SKIN IRRITANT. SKIN SENSITIZER and ASPIRATION TOXIC.

Hazard pictograms:



**Signal word:** DANGER  
**Hazard statement(s):** COMBUSTIBLE LIQUID  
MAY BE FATAL IF SWALLOWED OR ENTERS AIRWAYS.  
CAUSES SKIN IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.

**Precautionary statements:** KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME, HOT SURFACES. NO SMOKING

AVOID BREATHING MIST, SPRAY VAPOURS.  
WASH THOROUGHLY AFTER HANDLING  
AVOID BREATHING MIST, SPRAY, VAPOURS  
WASH THOROUGHLY AFTER HANDLING  
CONTAMINATED CLOTHING MUST NOT BE ALLOWED OUT OF THE WORKPLACE.  
WEAR EYE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES

IF SWALLOWED: IMMEDIATELY CALL A DOCTOR/POISON CENTRE.  
IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. .  
IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF EASY TO DO SO. CONTINUE RINSING. IMMEDIATELY CONTACT A DOCTOR / POISON CONTROL CENTRE.  
SPECIFIC TREATMENT (SEE FIRST AID MEASURES ON THE LABEL)  
DO NOT INDUCE VOMITING  
IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ATTENTION  
TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE RE-USE.  
IN CASE OF FIRE: USE ALCOHOL RESISTANT FOAM, DRY EXTINGUISHING POWDER, CARBON DIOXIDE (CO2) TO EXTINGUISH  
STORE IN A WELL-VENTILATED PLACE. KEEP COOL.  
DISPOSE OF CONTENTS / CONTAINERS TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS.

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### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %
HYDROCARBONS C11-C14, n-ALKANES ISOALKANES, CYCLICS, < 2% AROMATICS	64742-47-8	55 – 70 %
ALKANES C 14- C16	90622-46-1	12 – 22 %
TERPENE HYDROCARBONS	68956-56-9	10 – 20 %
CITRAL	5392-40-5	0.1 – 1.5 %
HYDROXY CITRONELLAL	107-75-5	0.1 – 1 %

### SECTION 4 – FIRST AID MEASURES

**First-aid measures general: IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE.  
(SHOW LABEL WHERE POSSIBLE)**

**First-aid measures after inhalation: IF BREATHING IS DIFFICULT, REMOVE PERSON TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. CALL A POISON CENTRE OR DOCTOR / PHYSICIAN IF YOU FEEL UNWELL.**

**First-aid measures after skin contact: IMMEDIATELY TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE RE-USE. WASH SKIN WITH PLENTY OF WATER. IF SKIN IRRITATION OR RASH OCCURS, GET MEDICAL ADVICE / ATTENTION.**

**First-aid measures after eye contact: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO SO. CONTINUE RINSING.**

**First-aid measures after ingestion: IMMEDIATELY CALL A POISON CONTROL CENTRE OR DOCTOR / PHYSICIAN. RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING.**

**Symptoms / effects: MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SKIN IRRITATION. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.**

**Symptoms / effects after inhalation: IRRITATION OF THE RESPIRATORY TRACT, COUGHING, HEADACHE.**

**Symptoms / effects after skin contact: CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING.**

**Symptoms / effects after eye contact: DIRECT CONTACT WITH THE EYES IS LIKELY IRRITATING.**

**Symptoms / effects after ingestion: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. RISK OF ASPIRATION PNEUMONIA. NAUSEA. CRAMPS / UNCONTROLLED MUSCULAR CONTRACTIONS. DIARRHEA**

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### **SECTION 5 – FIRE FIGHTING MEASURES**

**Suitable extinguishing media: FOAM, CARBON DIOXIDE, DRY CHEMICAL POWDER.**

**Unsuitable extinguishing media: SOLID WATER JET IS INEFFECTIVE AS AN EXTINGUISHING MEDIA.**

**Special hazards arising from the substance or mixture:**

**Fire hazard: COMBUSTIBLE LIQUID**

**Reactivity: ON COMBUSTION: CO AND CO 2 ARE FORMED.**

**Advice for firefighters:**

**Firefighting instructions: EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. IN CASE OF FIRE: EVACUATE AREA. FIGHT FIRE REMOTELY DUE TO THE RISK OF EXPLOSION. USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS. TAKE ACCOUNT OF ENVIRONMENTALLY HAZARDOUS FIRE FIGHTING WATER.**

**Protection during firefighting: DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTIVE EQUIPMENT, INCLUDING RESPIRATORY PROTECTION.**

### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**General measures: NO FLAMES, NO SPARKS. ELIMINATE ALL SOURCES OF IGNITION.**

**For non-emergency personnel:**

**Protective equipment: PROTECTIVE GOGGLES, GLOVES, PROTECTIVE CLOTHING.**

**Emergency procedures: EVACUATE UNNECESSARY PERSONNEL. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. VENTILATE SPILLAGE AREA.**

**For emergency responders:**

**Protective equipment: EQUIP CLEAN UP CREW WITH PROPER PROTECTION.**

**Emergency procedures: STOP LEAK IF SAFE TO DO SO. VENTILATE AREA.**

**Environmental precautions: PREVENT ENTRY TO SEWERS AND PUBLIC WATERS.**

**For containment: CONTAIN RELEASED SUBSTANCE. PUMP INTO SUITABLE CONTAINERS.**

**Methods for cleaning up: THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY, AN AS PER LOCAL LEGISLATION.**

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**Reference to other sections: NO ADDITIONAL INFORMATION AVAILABLE.**

### **SECTION 7 – HANDLING AND STORAGE**

**Additional hazards when processed: HANDLE EMPTY CONTAINERS WITH CARE BECAUSE RESIDUAL VAPOURS ARE FLAMMABLE.**

**Precautions for safe handling: COMPLY WITH LEGAL REQUIREMENTS. DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. DO NOT EAT, DRINK OR SMOKE WHEN HANDLING THIS PRODUCT. DO NOT GET ON SKIN, EYES OR ON CLOTHING. HANDLE AND OPEN CONTAINER WITH CARE. KEEP AWAY FROM SOURCES OF IGNITION. NO SMOKING. GROUND/BOND**

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**CONTAINER AND RECEIVING EQUIPMENT. USE EXPLOSION-PROOF EQUIPMENT. USE ONLY NON-SPARKING TOOLS. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.**

**Hygiene measures: WASH THOROUGHLY AFTER HANDLING. CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE. WASH CONTAMINATED CLOTHING BEFORE RE-USE.**

**Technical measures: COMPLY WITH APPLICABLE REGULATIONS. FOLLOW PROPER GROUNDING PROCEDURES TO AVOID STATIC ELECTRICITY.**

**Storage conditions: KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.**

**Incompatible products: OXIDIZING AGENTS.**

**Incompatible materials: SOURCES OF IGNITION.**

**Storage area: STORE AWAY FROM HEAT. STORE IN A COOL, DRY AREA. STORE IN WELL-VENTILATED PLACE.**

**Special rules on packaging: KEEP ONLY IN ORIGINAL CONTAINER. MEET LEGAL REQUIREMENTS.**

## **SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters: TERPENE HYDROCARBONS (68956-56-9) - NOT APPLICABLE**

**HYDROCARBONS , C 11 – C 14 n alkanes, isoalkanes, cyclics, > 2% aromatics (CAS # 64742-47-8) - NOT APPLICABLE**

**ALKANES, C 14- 16 (CAS # 90622-46-1) - NOT APPLICABLE**

**HYDROXY CITRONELLAL (107-75-5) - NOT APPLICABLE**

**CITRAL (5392-40-5) - NOT APPLICABLE**

**Exposure controls: ENSURE GOOD VENTILATION OF THE WORK STATION.**

**Personal protective equipment: USE PERSONAL PROTECTIVE EQUIPMENT WHERE RISK ASSESSMENT INDICATES THIS IS NECESSARY. GLOVES, SAFETY GLASSES / PROTECTIVE GOOGLES, PROTECTIVE CLOTHING.**



## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state:</b>	<b>LIQUID</b>
<b>Colour and appearance:</b>	<b>CLEAR, COLOURLESS LIQUID</b>
<b>Odour:</b>	<b>LIME</b>
<b>Odour threshold:</b>	<b>NO DATA AVAILABLE</b>
<b>pH:</b>	<b>NO DATA AVAILABLE</b>
<b>Melting point:</b>	<b>NO DATA AVAILABLE</b>
<b>Freezing point:</b>	<b>NO DATA AVAILABLE</b>
<b>Boiling point:</b>	<b>NO DATA AVAILABLE</b>
<b>Flash point:</b>	<b>75 ° C</b>
<b>Relative evaporation rate (butyl acetate = 1</b>	<b>NO DATA AVAILABLE</b>
<b>Flammability (solid, gas):</b>	<b>NO DATA AVAILABLE</b>
<b>Explosive properties:</b>	<b>NO DATA AVAILABLE</b>
<b>Oxidizing properties:</b>	<b>NO DATA AVAILABLE</b>
<b>Vapour pressure:</b>	<b>NO DATA AVAILABLE</b>

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Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	0.81 g/mL
Solubility:	INSOLUBLE IN WATER
Log Pow:	NO DATA AVAILABLE
Log Kow:	NO DATA AVAILABLE
Auto-ignition temperature:	NO DATA AVAILABLE
Decomposition temperature:	NO DATA AVAILABLE
Viscosity:	NO DATA AVAILABLE
Viscosity, kinematic:	< 20 cSt
Viscosity, dynamic:	NO DATA AVAILABLE
VOC content.	< 20 %

#### **SECTION 10 - STABILITY AND REACTIVITY**

**Reactivity: UPON COMBUSTION CO AND CO2 ARE FORMED**  
**Chemical stability: STABLE AT NORMAL CONDITIONS**  
**Possibility of hazardous reactions: CO AND CO2 FORMED ON COMBUSTION**  
**Conditions to avoid: NO FLAMES. NO SPARKS. ELIMINATE ALL SOURCES OF IGNITION.**  
**Incompatible materials: NO INFORMATION AVAILABLE**  
**Hazardous decomposition products: UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED.**

#### **SECTION 11 – TOXICOLOGICAL INFORMATION**

**Acute toxicity: NOT CLASSIFIED**  
**HYDROCARBONS , C 11 – C 14 n alkanes, isoalkanes, cyclics, > 2% aromatics (CAS # 64742-47-8)**  
**LD 50 dermal rabbit > 5000 mg/kg body weight (Rabbit: literature)**  
**ALKANES, C 14- 16 (CAS # 90622-46-1) LD oral rat: > 2000 mg/kg**  
**LD 50 dermal rabbit > 2000 mg/kg**  
**LD 50 inhalation rat (mg/L) 5.8 mg / L 4hr**

**Skin corrosion/irritation: CAUSES SKIN IRRITATION.**  
**Serious eye damage/irritation: NOT CLASSIFIED.**  
**Respiratory or skin sensitization: MAY CAUSE AN ALLERGIC SKIN REACTION**  
**Germ cell mutagenicity: NOT CLASSIFIED**  
**Carcinogenicity: NOT CLASSIFIED**  
**Reproductive toxicity: NOT CLASSIFIED**  
**Specific target organ toxicity (single exposure): NOT CLASSIFIED**  
**Specific target organ toxicity (repeated exposure): NOT CLASSIFIED**  
**Aspiration hazard: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAY**  
**Symptoms / injuries after inhalation: IRRITATION OF THE RESPIRATORY TRACT. COUGHING, HEADACHE**  
**Symptoms / injuries after skin contact: CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. REPEATED EXPOSURE MAY CAUSE SKIN DRYING OR CRACKING.**

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**Symptoms / injuries after eye contact: DIRECT CONTACT WITH THE EYES IS LIKELY TO BE IRRITATING.**

**Symptoms /injuries after ingestion: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS RISK OF ASPIRATION PNEUMONIA, NAUSEA, CRAMPS, UNCONTROLLED MUSCULAR CONTRACTIONS, DIARRHEA.**

**Likely routes of exposure: SKIN AND EYE CONTACT.**

**SECTION 12 - ECOLOGICAL INFORMATION**

**Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE**

**Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE**

**Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE**

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Waste disposal recommendations: DISPOSE OF IN A SAFE MANNER IN ACCORDANCE WITH LOCAL / NATIONAL REGULATIONS.**

**SECTION 14 – TRANSPORT INFORMATION**

**T.D.G: NOT REGULATED FOR TRANSPORT**

**SECTION 15 - REGULATORY INFORMATION**

**THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015**

**SECTION 16 - OTHER INFORMATION**

**Information Sources: SUPPLIER'S SDS**  
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**Latest revision date: March 31, 2017**