

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: **CITRA KLEAR**
Recommended Use: **CITRUS DRAIN MAINTAINER**
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, CORROSIVE, SKIN AND EYE IRRITANT, SKIN SENSITIZER. ASPIRATION TOXIC.**

Symbols:



Signal word: **DANGER**
Hazard statement(s): **FLAMMABLE LIQUID AND VAPOUR
CAUSES SKIN IRRITATION
MAY CAUSE AN ALLERGIC SKIN REACTION
CAUSES SERIOUS EYE DAMAGE**

**MAY CAUSE DAMAGE TO ORGANS THROUGH
PROLONGED OR REPEATED EXPOSURE**

Precautionary statements: **KEEP AWAY FROM HEAT, OPEN FLAMES, SPARKS. - NO SMOKING. KEEP CONTAINER TIGHTLY CLOSED. GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. USE EXPLOSION-PROOF ELECTRICAL, LIGHTING EQUIPMENT. USE ONLY NON-SPARKING TOOLS TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE. DO NOT BREATHE MIST, SPRAY. WASH THOROUGHLY AFTER HANDLING CONTAMINATED WORK CLOTHING MUST NOT BE ALLOWED OUT OF THE WORKPLACE. WEAR EYE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.**

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION
(+)-limonene	5989-27-5	60 - 100 %
UNDECETH-5	34398-01-1	1 - 5 %

SECTION 4 – FIRST AID MEASURES

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

First-aid measures after inhalation: **IF BREATHING IS DIFFICULT, REMOVE VICTIM 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: **TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. WASH SKIN WITH PLENTY OF WATER. IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ATTENTION.**

First-aid measures after eye contact: **RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IF EYE IRRITATION PERSISTS: GET MEDICAL ATTENTION.**

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

Symptoms/injuries: **IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE .**

Symptoms/injuries after inhalation: **RESPIRATORY TRACT IRRITATION, COUGHING, HEADACHE..**

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

Symptoms/injuries after eye contact: **CAUSES SERIOUS EYE DAMAGE.**

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

Chronic symptoms: **CRACKING OF THE SKIN. DRY SKIN.**

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: **FOAM, CARBON DIOXIDE, DRY CHEMICAL POWDER. DO NOT USE A HEAVY WATER STREAM.**

Reactivity: **REACTS WITH (STRONG) OXIDIZERS. REACTS WITH (SOME) ACIDS. REACTS WITH (SOME) HALOGEN COMPOUNDS. UPON COMBUSTION CO AND CO2 ARE FORMED.**

Firefighting instructions: **EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. IN CASE OF FIRE: EVACUATE AREA. FIGHT 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: **ISOLATE FROM FIRE IF POSSIBLE. NO FLAMES, NO SPARKS. ELIMINATE ALL SOURCES OF IGNITION.**

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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. STOP RELEASE. VENTILATE AREA.**

Environmental precautions: **AVOID RELEASE TO THE ENVIRONMENT. PREVENT ENTRY TO SEWERS AND PUBLIC WATERS.**

Methods for cleaning up: **CONTAIN RELEASE. PUMP INTO SUITABLE CONTAINERS. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY, AS PER LOCAL LEGISLATION.**

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

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: **COMPLY WITH LEGAL REQUIREMENTS. DO NOT HANDLE UNTIL ALL SAFETY REQUIREMENTS HAVE BEEN READ AND UNDERSTOOD. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. DO NOT GET ON EYES, SKIN OR ON CLOTHING. HANDLE AND OPEN THE CONTAINER WITH CARE. KEEP AWAY FROM SOURCES OF IGNITION. NO SMOKING. GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT. USE EXPLOSION-PROOF ELECTRICAL, LIGHTING EQUIPMENT. USE ONLY NON-SPARKING TOOLS TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.**

Hygiene measures: **WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING BEFORE RE-USE.**

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

Storage conditions: **KEEP ONLY IN ORIGINAL CONTAINER IN A COOL, WELL-VENTILATED AREA AWAY FROM SPARKS, OPEN FLAMES, EXCESSIVE HEAT. KEEP CONTAINER TIGHTLY CLOSED.**

Incompatible products: **OXIDIZING AGENTS, STRONG ACIDS**

Incompatible materials: **SOURCES OF IGNITION**

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

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



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Colour and appearance:	CLEAR, COLOURLESS LIQUID
Odour:	CITRUS SCENT.
Odour threshold:	NO DATA AVAILABLE
pH:	10 - 11
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	NO DATA AVAILABLE
Flash point:	56 ° C
Relative evaporation rate (butyl acetate = 1	NO DATA AVAILABLE
Flammability (solid, gas):	NO DATA AVAILABLE
Explosive properties:	NO DATA AVAILABLE
Oxidizing properties:	NO DATA AVAILABLE
Vapour pressure:	NO DATA AVAILABLE
Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	85 g/ml
Solubility:	SOLUBLE 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.	5 – 10 %

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: **REACTS WITH (STRONG) OXIDIZERS. REACTS WITH (SOME) ACIDS. REACTS WITH (SOME) HALOGEN COMPOUNDS. UPON COMBUSTION CO AND CO2 ARE FORMED.**

Chemical stability: **STABLE UNDER NORMAL CONDITIONS.**

Possibility of hazardous reactions: **UPON COMBUSTION CO AND CO2 ARE FORMED**

Incompatible materials: **NO ADDITIONAL INFORMATION AVAILABLE**

Conditions to avoid: **HEAT, SPARKS, OPEN FLAME.**

Incompatible materials: **STRONG ACIDS, OXIDIZING AGENTS.**

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**

(+) – limonene (5989-27-5): **LD50 oral / rat 4400 mg/kg body weight**

LD50 dermal / rabbit >5000 mg/kg ATE CLP (oral) 4,400,000 mg/kg body weight

UNDECETH-5 (34398-01-1 LD50 oral / rat > 1400 mg/kg

Skin corrosion/irritation: **CAUSES SKIN IRRITATION.**

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Serious eye damage/irritation: **CAUSES SERIOUS EYE DAMAGE**
Respiratory or skin sensitization: **MAY CAUSE AN ALLERGIC SKIN REACTION.**
Germ cell mutagenicity: **NOT CLASSIFIED.**
Carcinogenicity: **(+) limonene IARC GROUP 3 – NOT CLASSIFIABLE.**
Reproductive toxicity: **NOT CLASSIFIED.**
Specific target organ toxicity (single exposure): **NOT CLASSIFIED.**
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.**
Symptoms / injuries after inhalation: **MAY CAUSE RESPIRATORY TRACT IRRITATION. COUGHING, HEADACHE.**
Symptoms / injuries after skin contact: **CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. REPEATED EXPOSURE MAY CAUSE DRYING AND CRACKING.**
Symptoms / injuries after eye contact: **CAUSES SERIOUS EYE DAMAGE**
Symptoms /injuries after ingestion: **MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. RISK OF ASPIRATION PNEUMONIA. NAUSEA, CRAMPS, UNCONTROLLED MUSCULAR CONTRACTIONS. DIARRHEA.**
Chronic symptoms: **CRACKING OF THE SKIN. DRY SKIN**

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): **NO ADDITIONAL INFORMATION AVAILABLE.**
Persistence and degradability: **NO ADDITIONAL INFORMATION AVAILABLE.**
Bioaccumulation: **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

TRANSPORTATION OF DANGEROUS GOODS (TDG) - 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 SAFETY DATA SHEET**
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