

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: RUST CONVERTER - AEROSOL
Recommended Use: CHEMICAL RUST TREATMENT
Restrictions on Use: INDUSTRIAL 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 AEROSOL, EYE IRRITANT, STOT

Hazard Pictograms:



Signal word: DANGER
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL
CAUSES SERIOUS EYE IRRITATION
MAY CAUSE DROWSINESS OR DIZZINESS.

Precautionary statements:

KEEP AWAY FROM HEAT, HOT SURFACES, OPEN FLAME, SPARKS. – NO SMOKING
DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE
PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN, EVEN AFTER USE
AVOID BREATHING MIST, VAPOUR. WASH THOROUGHLY AFTER HANDLING.
PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 ° C .
DISPOSE OF CONTENTS / CONTAINER TO COMPLY WITH LOCAL / NATIONAL / INTERNATIONAL REGULATIONS.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %
ACETONE, PROPAN-2-ONE PROPANONE	67-64-1	40 – 60 %
ISOBUTANE	75-28-5	10 – 20 %
DIMETHYL ETHER	115-10-6	10 – 20 %
ETHANEDIOL, ETHYLENE GLYCOL	107-21-1	2.5 – 10 %
TANNIC ACID	1401-55-4	2.5 – 10 %
2-PROPANOL	67-63-0	2.5 – 10 %
PROPANE	74-98-6	2.5 – 10 %
OXALIC ACID	144-62-7	1 – 2.5 %

SECTION 4 – FIRST AID MEASURES

First-aid measures general: ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF MATERIALS INVOLVED AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. SHOW THIS SHEET WHERE POSSIBLE. KEEP THE VICTIM WARM AND RESTED.

Inhalation: MOVE TO FRESH AIR. CALL A PHYSICIAN IF SYMPTOMS DEVELOP OR PERSIST.

Skin contact: REMOVE ALL CONTAMINATED CLOTHING AND WASH BEFORE REUSE. WASH WITH PLENTY OF WATER. IF SKIN RASH OR IRRITATION OCCURS, GET MEDICAL ADVICE/ ATTENTION.

Eye contact: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO SO. GET MEDICAL ADVICE / ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

Product Identifier: RUST CONVERTER - AEROSOL

Ingestion: RINSE MOUTH. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.
Symptoms / injuries after inhalation: CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS, HEADACHE, NAUSEA, VOMITING. IRRITATION OF NASAL MUCOUS MEMBRANES. IRRITATION TO THROAT.
Symptoms / injuries after skin contact: NO EFFECTS KNOWN.
Symptoms / injuries after eye contact: CAUSES SERIOUS EYE IRRITATION. TREAT SYMPTOMATICALLY. SYMPTOMS MAY BE DELAYED. KEEP WATCHING THE VICTIM.
Symptoms / injuries after ingestion: NOT EXPECTED TO PRESENT A SIGNIFICANT INGESTION HAZARD UNDER ANTICIPATED CONDITIONS OF NORMAL USE.
Indication of immediate medical attention and special treatment: TREAT SYMPTOMATICALLY. SYMPTOMS MAY BE DELAYED. KEEP WATCHING THE VICTIM.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: WATER FOG, ALCOHOL – RESISTANT FOAM, DRY POWDER, CARBON DIOXIDE.
Unsuitable extinguishing media: DO NOT USE A WATER JET SINCE IT MAY CAUSE THE FIRE TO SPREAD.
Fire hazard: EXTREMELY FLAMMABLE AEROSOL UNDER FIRE CONDITIONS CLOSED CONTAINERS MAY RUPTURE OR EXPLODE. COMBUSTION PRODUCES IRRITATING GASES.
Explosion hazard: CONTENTS UNDER PRESSURE. PRESSURIZED CONTAINER MY BURST IF HEATED.
Reactivity: UPON COMBUSTION CO AND CO₂ ARE FORMED. TOXIC / IRRITATING GASES MAY BE FORMED. IN CASE OF FIRE, CORROSIVE GASES COME FREE.
Firefighting instructions: EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL FIRE. MOVE CONTAINERS AWAY FROM THE FIRE AREA IF THIS CAN BE DONE WITHOUT RISK. USE WATER SPRAY OR FOG TO COOL EXPOSED CONTAINERS. DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION, INCLUDING RESPIRATORY PROTECTION.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

General measures: STAY UPWIND. KEEP DISTANCE FROM SOURCE. EVACUATE UNNECESSARY PERSONNEL. VAPOURS MAY TRAVEL LONG DISTANCES ALONG THE GROUND BEFORE IGNITING AND FLASHING BACK TO THE SOURCE.
For non-emergency personnel:
Protective equipment: DO NOT TOUCH SPILLED MATERIAL. VENTILATE THE AREA.
Emergency procedures: DO NOT BREATHE VAPOURS / MISTS.
For emergency responders:
Protective equipment: EQUIP CLEAN UP CREW WITH PROPER PROTECTION.
Emergency procedures: STOP LEAK IF SAFE TO DO SO. VENTILATE AREA.
For containment: ELIMINATE IGNITION SOURCES. PREVENT PRODUCT FROM ENTERING DRAINS OR CONFINED AREAS.
Reference to other sections: NO ADDITIONAL INFORMATION AVAILABLE.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN EVEN AFTER USE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT SMOKE WHEN HANDLING THIS PRODUCT. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH SKIN AND EYES. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING MAY BE HARMFUL. DO NOT BREATHE MISTS, VAPOURS, AEROSOLS. DO NOT RE-USE EMPTY CONTAINERS.
Hygiene measures: OBSERVE NORMAL HYGIENE STANDARDS. WASH HANDS AND OTHER EXPOSED AREAS WITH MILD SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING AND WHEN LEAVING WORK. THOROUGHLY AFTER HANDLING.
Conditions for safe storage, including any incompatibilities:
Technical measures: PRESSURIZED CONTAINER. DO NOT PUNCTURE, INCINERATE OR CRUSH. KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS AND OPEN FLAME AND OTHER IGNITION SOURCES. NO SMOKING.
Storage conditions: KEEP COOL. PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 ° C.
Storage area: AEROSOL 2.

Product Identifier: RUST CONVERTER - AEROSOL

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

ETHANEDIOL, ETHYLENE GLYCOL ACGIH TLV 10 mg/m³

2-PROPANOL ACGIH TWA 200 ppm

ACETONE, PROPAN-2-ONE, PROPANONE : ACGIH TWA 250 ppm. ACGIH STEL 400 ppm

ISOBUTANE (106-97-8) ACGIH STEL 1000 ppm

PROPANE (74-98-6) ACGIH TWA 1000 ppm OSHA PEL TWA 1000 ppm

Exposure controls: ENSURE GOOD VENTILATION IN THE WORKPLACE. ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. EMERGENCY EYEWASH FOUNTAIN AND SAFETY SHOWER SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

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



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	AEROSOL LIQUID
Colour and appearance:	BROWN LIQUID
Odour:	SOLVENT – LIKE ODOUR.
Odour threshold:	NO DATA AVAILABLE
pH:	NO DATA AVAILABLE
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	32 ° C
Flash point:	- 104 ° C. PROPELLANT (ESTIMATED)
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:	0.519 g / mL
Solubility:	NO DATA AVAILABLE
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:	NO DATA AVAILABLE
Viscosity, dynamic:	NO DATA AVAILABLE

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: UPON COMBUSTION CO AND CO₂ ARE FORMED. TOXIC / IRRITATING GASES MAY BE FORMED. IN CASE OF FIRE, CORROSIVE GASES COME FREE.

Chemical stability: RISK OF EXPLOSION. RISK OF IGNITION. UNSTABLE.

Conditions to avoid: HEAT, OPEN FLAME. AEROSOL CONTAINERS ARE UNSTABLE AT TEMPERATURES ABOVE 49° C. AVOID TEMPERATURES EXCEEDING THE FLASHPOINT, HEAT, OPEN FLAME, SPARKS.

Incompatible materials: STRONG OXIDIZING AGENTS, NITRATES, FLUORINE, CHLORINE. DO NOT MIX WITH OTHER CHEMICALS. MAY FORM ANEXPLOSIVE MIXTURE IN THE PRESENCE OF

Product Identifier: RUST CONVERTER - AEROSOL

AIR.

Hazardous decomposition products: CARBON MONOXIDE, CARBON DIOXIDE, PHOSPHOROUS OXIDE.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity	: NOT CLASSIFIED
Skin corrosion/irritation	: NOT CLASSIFIED
Serious eye damage/irritation	: CAUSES SERIOUS EYE IRRITATION.
Respiratory or skin sensitization	: NOT CLASSIFIED.
Germ cell mutagenicity	: NOT CLASSIFIED.
Carcinogenicity	: NOT CLASSIFIED.
Reproductive toxicity	: NOT CLASSIFIED
Specific target organ toxicity (single exposure)	: MAY CAUSE DROWSINESS OR DIZZINESS
Specific target organ toxicity (repeated exposure)	: NOT CLASSIFIED
Aspiration hazard	: NOT CLASSIFIED
Symptoms/injuries after inhalation	: IRRITATION OF NASAL MUCOUS MEMBRANES. MAY CAUSE DROWSINESS OR DIZZINESS. HEADACHE, NAUSEA, VOMITING.
Symptoms/injuries after skin contact	: NO EFFECTS KNOWN.
Symptoms/injuries after eye contact	: CAUSES SERIOUS EYE IRRITATION.
Symptoms after ingestion:	: NOT EXPECTED TO PRESENT A SIGNIFICANT INGESTION HAZARD UNDER ANTICIPATED CONDITIONS OF NORMAL USE.
Likely routes of exposure	: SKIN AND EYE CONTACT, INHALATION

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 treatment methods: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE, OR CRUSH. DISPOSE OF CONTENTS/CONTAINER TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS

Product Identifier: RUST CONVERTER - AEROSOL

SECTION 14 – TRANSPORT INFORMATION

T.D.G. Shipping Name: AEROSOLS, FLAMMABLE

Class: 2.1

UN Number: UN 1950

Packing Group: Not applicable.

Limited quantity exemption: CONTAINER UNDER 1 LITRE.

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

Prepared by: SHARE CANADA

Telephone: 1-204-633-8553

Latest revision date: AUGUST 8, 2018