



## MATERIAL SAFETY DATA SHEET SHOCKWAVE

### SECTION 1 – HAZARDOUS INGREDIENTS

Chemical Identity	Concentration	CAS Number	PIN Number
Liquified Propellant R 134			

### SECTION II – PREPARATION INFORMATION

Prepared by: W. Eissler

Date of Preparation: Jan 1, 2012

### SECTION III - PRODUCT INFORMATION

Product Identifier: Instant Non-Chemical Drain Opener 20 Applications

Manufacturer's Name: Evcor Solutions Inc.

Street Address: 530 Adelaide Street West, Suite 6107

City: Toronto Province: Ontario Postal Code: M5V 1T5

Emergency Tel.No: 1-800-228-5635 ext 180

### SECTION IV – PHYSICAL DATA

Physical State: Pressurized propellant

Odour and Appearance: odourless and colourless

Odour Threshold: n/a

Specific Gravity( water#1) n/a

Co-efficient of Water/Oil Distribution: n/a

Vapour Pressure: 84 psi (68F)

Boiling Point( C): n/a

Freezing Point(C) - 26.5

Vapour Density (Air# 1): 28

Evaporation Rate (BuAc=1) <1

Percent Volatile ( volume) 100

### SECTION V - FIRE EXPLOSION HAZARD

Conditions of Flammability: When cans subjected to extreme heat. Pressurized gas and vapours of solvents may cause explosive mixtures with air.

Means of Extinction: Foam, Co2, WATER, Water spray may be used to keep containers cool.

Explosion Data

Sensitivity to mechanical Impact: no

Sensitivity to Static Discharge: no

Flashpoint (C) and Method: none

Upper Flammable Limit%: n/a

Lower Flammable Limit%: n/a

Autoignition temperature (C): none

Hazardous Combustion Products: none

## SECTION VI - REACTIVITY DATA

Stability: stable

Incompatible Materials: Do not use together with alkaline or acid chemicals.

Conditions of Reactivity: Not Reactive

Hazardous Decomposition Products: In cases of burning HF may be emitted

## SECTION VII - TOXICOLOGICAL PROPERTIES

Route of Entry

Skin contact  Skin Absorption  Eye Contact  Inhalation  Ingestion

Effects of Acute Exposure to Product: Nausea and difficulty in breathing.

Effects of Chronic Exposure to Product: n/a

Exposure Limits: 1000 ppm

Irritancy to Product: none

Synergistic Products: none

Evidence of Carcinogenicity, Reproductive Toxicity, Teratogenicity, or Mutagenicity?: none

Sensitivity to Product: none

## SECTION VIII - PREVENTATIVE MEASURES

Personal Protective Equipment: none

Gloves (specify): no

Respiratory (specify): Use with adequate ventilation

Eye (specify): no

Footwear (specify): no

Other Equipment (specify): Use with adequate ventilation.

Engineering Controls( e.g. ventilation, enclosed process, specify): Use with adequate Ventilation.

Leak and Spill Procedure: Avoid open flames, ventilate area well

Waste Disposal: Dispose empty cans in accordance with local, federal regulations.

Handling Procedures and Equipment: Keep out of reach from children.

Storage Requirements: Store below 122°F = 50°C

Special Shipping Information: Ship in accordance with TO 6 regulations.

## SECTION IX - FIRST AID MEASURES

Inhalation: Remove to fresh air, give oxygen if necessary.

Ingestion: Do not initiate vomiting, call a physician immediately

Eye Contact: Flush affected areas with plenty of water, call a physician.

Skin Contact: Flush affected areas with water.

Additional Information: Avoid contact with skin or eyes. Contact may cause freezing!