

SAFETY DATA SHEET**1. IDENTIFICATION****PRODUCT NAME:** Citrusolve**RECOMMENDED USE:** Cleaner/ Degreaser**RESTRICTIONS ON USE:** All other uses than those indicated on the product label.**SUPPLIER:** Easy Kleen Pressure Systems Ltd
41 Earnhardt Rd Sussex Corner NB
E4E 6A1 Canada 506 433 3393**EMERGENCY TELEPHONE NUMBER:** Canutech 613-996-6666**2. HAZARD IDENTIFICATION****Classification of the product as sold:**Skin corrosion - Category 1; Serious eye damage - Category 1; Skin sensitization - Category 1
STOT (SE)- Category 3**Label Elements****Hazard Pictograms:****SIGNAL WORD:** DANGER**HAZARD STATEMENTS:**

H314 Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction

H335 May cause respiratory irritation.

PRECAUTIONARY STATEMENTS:

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280 Wear protective gloves and eye or face protection.

P264 Wash thoroughly after handling.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310: Immediately call a POISON CENTER/doctor/

P363: Wash contaminated clothing before reuse.

Hazard not otherwise classified: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Aqueous mixture consisting of the following components:

Components:

CAS #	Chemical Name	%
5989-27-5	d-Limonene	1-5%
6834-39-2	sodium metasilicate	1-10%
64-02-8	tetrasodium salt	1-5%
9036-19-5	scintillation surfactant	1-5%

Additional information: Any concentration shown as a range is to protect confidentiality or is due to batch variation.

4. FIRST AID MEASURES

Description of first aid measures:

In case of inhalation: Remove person to fresh air. In case of unconsciousness place patient stably in side position for transportation. Get medical attention.

In case of skin contact: Remove immediately all contaminated clothing. Rinse skin with water or shower for at least 15 minutes. Consult a doctor if skin redness and irritation persist.

In case of eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

In case of ingestion: If symptoms persist consult a doctor.

Most important symptoms and effects, both acute and delayed:

Eyes: Corrosive – moderate irritation, tearing and discomfort. May cause temporary or permanent damage if not treated promptly.

Skin: Corrosive – Can cause skin irritation/reddening. May cause an allergic skin reaction.

Ingestion: Corrosive – Harmful if swallowed. Accidental ingestion may cause nausea, diarrhea and irritation of the intestinal lining.

Inhalation: Breathing mist may cause irritation of the throat, upper respiratory tract or other mucous membrane areas.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Unsuitable Extinguishing media: not known.

Specific hazards arising from the product: Pressurized container: May burst if heated. In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides; corrosive sulfur oxides

Special protective equipment and precautions for fire-fighters: Wear fire resistant clothing.

Evacuate area. Fight fire from a safe distance or a protected location. Wear a chemical protective, full-body encapsulating suit and self-contained breathing apparatus (SCBA) .

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear recommended protective equipment(s) (see section 8). Keep unprotected persons away.

Ventilate area of leak or spill. Remove all sources of ignition.

Clean-up personnel require protective clothing and respiratory protection from organic vapors.

Environmental precautions: No special measures required.

Methods and material for containment and cleaning up: Surround and absorb with liquid-binding material and place in an appropriate waste disposal container.

Reference to other sections: See section 7 for safe handling. See section 8 for information on personal protection equipment. See section 13 for disposal information.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation at the workplace. Open and handle receptacle with care. Use suitable protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapours, spray or mist. Do not reuse container.

Conditions for safe storage including any incompatibilities: Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Keep out of the reach of children. Store at temperatures not exceeding: 10 - 45 °C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with limit values that require monitoring in the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

General protective and hygienic measures:

Avoid contact with the eyes and skin.

The usual precautionary measures for handling chemicals should be followed.

Do not inhale dust, smoke, mist gases, fumes or aerosols.

Personal Protective Equipment:

Breathing Equipment: Use suitable respiratory protective device when high concentrations are present. If room is well-ventilated, a respirator is not needed under normal and intended conditions of product use.

Protection of hands: Use impervious gloves (nitrile, neoprene, rubber) . Check protective gloves prior to each use for their proper condition.

Eye Protection: Safety glasses with side-shields. Wear splash-proof chemical goggles in an industrial environment.

Body Protection: Protective clothing is recommended only under exceptional circumstances such as fire or spill of concentrated product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Colour: Clear

Odour: Citrus

Odor-Threshold: Not determined

ph-Value: 12-13

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

Fusion temperature/range: Not determined

Flash Point: Not determined

Flammability (solid, gaseous): Not applicable

Ignition Temperature: Not determined

Decomposition Temperature: Not determined

Auto igniting: Product is not self igniting

Danger of explosion: Product does not present an explosion hazard

Explosion Limits (Lower/Upper): Not determined

Vapour Pressure: Not determined

Bulk Density: Not determined

Relative Density: 1.036

Vapour Density (air =1): 1

Evaporation Rate (water=1): 1

Solubility in / Miscibility with water: Soluble

Partition coefficient (n-octanol/water): Not determined

Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: Not determined.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: Reacts with acids

Conditions to avoid: Avoid freezing and extreme heat conditions.

Incompatible materials: strong acids and bases.

Hazardous decomposition products: Not applicable.

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure:

Inhalation.

Skin contact.

Skin absorption.

Eye contact.

Ingestion.

Numerical measures of acute toxicity:

5989-27-5 d-Limonene

LD50 >5g/kg

dermal/rabbit

		LD50 >5g/kg	oral/rat
6834-39-2	sodium metasilicate	LD50 1153mg/kg	oral/rat
64-02-8	tetrasodium salt	LD50 3g/kg	oral/rat
9036-19-5	scintillation surfactant	not available.	

Symptoms related to the physical, chemical and toxicological characteristics:

Eyes: Corrosive – moderate irritation, tearing and discomfort. May cause temporary or permanent damage if not treated promptly.

Skin: Corrosive – Can cause skin irritation/reddening. May cause an allergic skin reaction.

Ingestion: Corrosive – Harmful if swallowed. Accidental ingestion may cause nausea, diarrhea and irritation of the intestinal lining.

Inhalation: Breathing mist may cause irritation of the throat, upper respiratory tract or other mucous membrane areas.

Delayed and immediate effects, and chronic effects from short-term and long-term exposure:

Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.

12. ECOLOGICAL INFORMATION

Bioaccumulative potential: No further relevant information available.

Mobility in soil: Not determined

Ecotoxicity: No relevant information available.

Other adverse effects: No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods recommendation:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with local authority requirements. Dispose in accordance with all applicable federal, state, provincial and local laws and regulations. Contact your local, state, provincial or Federal environmental agency for specific rules.

Uncleaned packagings recommendation:

Do not re-use empty containers. Dispose of packaging according to regulations on the disposal of packagings.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

DATE OF THE LATEST REVISION OF THE SDS: April 18 2018

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