

Safety Data Sheet

Section 1: Product identification and use

Product Identifier:

TCI 015-10 H.D.

Process Identifier:

Silchem SAF-129FGK silicone anti-foam (food grade)

24H EMERGENCY: 613-996-6666

Manufacturer's name and address:

SILCHEM INC.
200 Granton Drive, Richmond Hill ON L4B 1H7 Canada
Tel: (905) 709-5867 — Toll Free: 1-877-745-2436

Supplier's name and address:

Tetra-Chem Industries Ltd.
271 Ingersoll St. S., Ingersoll ON N5C 3J7 Canada
Tel: 519-485-4370 — Toll free: 888-658-5515

Section 2: Hazard identification

GHS Classification

Skin Corrosion/Irritation: Category 3

Serious Eye Damage/Eye Irritation: Category 2B

Pictograms

Signal Word

Warning

Hazard Statements

H316—Causes mild skin irritation.

H320—Causes eye irritation.

Precautionary Statements

P264—Wash hands thoroughly after handling.

P280—Wear protective gloves and eye protection.

P305+P351+P338—IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do - continue rinsing.

P332+P313—If skin irritation occurs: Get medical advice/attention.

P337+P313—If eye irritation persists get medical advice/attention.

Section 3: Composition / information on ingredients

Hazardous Ingredients:

CHEMICAL NAME

CAS NUMBER

CONCENTRATION [%]

No reportable Hazardous Substance

Section 4: First aid measures

Description of First Aid Measures

General: Low risk to adverse health effects.

Inhalation: Excessive exposure - move the fresh air.

Skin Contact: Wash with soap and water.

Eye Contact: Remove contact lenses. Rinse with cold water or saline solution.

Ingestion: Seek immediate medical attention. Do not induce vomiting.

Most Important Symptoms and Effects Both Acute and Delayed

General: Low risk to adverse health effects.

Inhalation: Respiratory irritation.

Skin Contact: Irritation caused by defatting of skin.

Eye Contact: Itching irritation, redness.

Ingestion: Gastrointestinal irritation.

Section 5: Fire-fighting measures

Extinguishing Media

Suitable Extinguishing Media: All standard firefighting media.

Unsuitable Extinguishing Media: None.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Know the Fire Extinguisher location at your workstation.

Explosion Hazard: None under normal conditions.

Reactivity: Stable under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: None.

Firefighting Instructions: Keep the container cool.

Protection During Firefighting: Wear self-contained breathing apparatus for fire-fighting if necessary.

Hazardous Combustion Products: Oxides of Carbon & Silicone and Formaldehyde.

Section 6: Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Spills on floors are slippery.

For Non-Emergency Personnel

Protective Equipment: Non-slip footwear, safety glasses and protective gloves.

Emergency Procedures: Ventilate area. Keep away from sources of ignition. Stop mobility using suitable oil absorbing materials for small spills.

Phone Number of your local authority for Emergency Spill Response:

For Emergency Personnel

Protective Equipment: Non-slip footwear, safety glasses and protective gloves.

Emergency Procedures: Ventilate area.

Environmental Precautions

Methods and Material for Containment and Cleaning Up

For Containment: Stop mobility with suitable absorbent.

Methods for Cleaning Up: Large spills are not likely but should be contained and resultant waste properly classified prior to disposal (See Section 13).

Section 7: Handling and storage

Precautions for Safe Handling

Additional Hazards When Processed: None when stored in original container.

See GHS WORKPLACE LABEL in your work area.

Hygiene Measures: Personal Protection Equipment required when handling.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Provide sufficient air exchange in work rooms.

Storage Conditions: Normal storage.

Incompatible Materials: This product has an approved dedicated application. Consult Manufacturer or Supplier for compatibility.

Special Rules on Packaging: Consult Manufacturer or Supplier.

Specific End Use(s) TCI 015 - 10 H.D. SILCHEM 129FGK Silicone Antifoam is for cleaning compositions and solutions found in automotive and industrial maintenance industry JET WASHERS where some soils may impart a foaming issue. It is also ideal for defoaming waste water in water recycling systems.

This product meets the criteria set out by many municipalities for reporting annual purchases of: Volatile Organic Compounds.

See Product Application Sheet or Label QR for safe intended use.

Section 8: Exposure controls / personal protection

Control Parameters
ACGIH TLV: Not applicable.
OSHA PEL: Not applicable.

Exposure Controls
Appropriate Engineering Controls: Adequate ventilation to meet exposure limits by removing the hazard from the work environment.

Personal Protective Equipment:



Other Information: Handle in accordance with good hygiene and safety practices and procedures.

Section 9: Physical and chemical properties

Information on Basic Physical and Chemical Properties

Physical State: Liquid.
Appearance: White emulsion.
Odour: Odorless.
Odour Threshold: No available.
pH: Neutral.
Relative Evaporation Rate (butyl acetate=1): < 0.01
Melting Point: Not applicable.
Freezing Point: 0°C
Boiling Point: 100°C
Flash Point: Not applicable.
Auto-ignition Temperature: Not applicable.

Decomposition Temperature: Not determined.
Flammability (solid/gas): Not determined.
Lower Flammable Limit: Not applicable.
Upper Flammable Limit: Not applicable.
Vapour Pressure: 0.09 mmHg @ 20°C
Relative Vapour Density at 20°C: Not applicable.
Relative Density (water = 1): 0.99
Solubility in Water: Soluble.
Partition coefficient: n-octanol/water: Not determined.
Viscosity: 2.57 centipoise
Explosion Data - Sensitivity to Mechanical Impact: No.
Explosion Data - Sensitivity to Static Discharge: No.

Section 10: Stability and reactivity

Reactivity: Stable.
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: No decomposition under normal degreasing/cleaning conditions.

Conditions to Avoid: Excessive heat, flames and sparks.
Incompatible Materials: Strong Oxidizing Agents.
Hazardous Decomposition Products: Oxides of Carbon & Silicone and Formaldehyde.

Section 11: Toxicological information

Information on Toxicological Effects—Product

Acute Toxicity: Not applicable.
LD₅₀ Data (Species-Route): Not applicable.
LC₅₀ Data (Species-Route): Not applicable.
Skin Corrosion/Irritation: Mild irritation with prolonged exposure.
Serious Eye Damage/Irritation: May cause mild, short-lasting discomfort.
Respiratory or Skin Sensitization: Possible in some susceptible individuals.
Germ Cell Mutagenicity: No available evidence.
Teratogenicity: No available evidence.
Carcinogenicity: No available evidence.

Specific Target Organ Toxicity (Repeated Exposure): No available evidence.
Reproductive Toxicity: No available evidence.
Specific Target Organ Toxicity (Single Exposure): No available evidence.
Aspiration Toxicity Hazard: No available evidence.
Symptoms/Injuries After Inhalation: No available evidence.
Symptoms/Injuries After Skin Contact: No available evidence.
Symptoms/Injuries After Eye Contact: Itching/Redness may occur.
Symptoms/Injuries After Ingestion: No available evidence.
Information on Toxicological Effects—Ingredients
No available evidence.

Section 12: Ecological information

Toxicity: Not expected to be harmful to aquatic organisms or demonstrate chronic toxicity. None of the ingredients are hazardous atmospheric pollutants.
Mobility in Soil: Expected to be readily biodegradable.

Other Adverse Effects
Other Information: VOC's (EPA method 24) 0 g/L.

Section 13: Disposal considerations

Waste Disposal Recommendations: Consult Manufacturer or Supplier.
Additional Information: The cleaning process may generate a hazardous industrial waste. Comply with Canadian Ministry of Environment and Climate Change: Regulation 347 and local municipal by-laws. Comply with US EPA's federal, state & local

regulations. Tetra-Chem Industries Ltd. is licensed by the Ministry of the Environment and Climate Change for waste management.
Ontario Certificate of Approval # A 800506.
Provincial Waste Class: Not applicable.

Section 14: Transport information

TDGA CANADA - DANGEROUS GOODS: NOT REGULATED
49 CFR (USA) DANGEROUS GOODS: NOT REGULATED
IMDG (VESSEL) DANGEROUS GOODS: NOT REGULATED
IATA (CARGO AIR) DANGEROUS GOODS: NOT REGULATED
IMDG (PASSENGER AIR) DANGEROUS GOODS: NOT REGULATED

EMERGENCY ASSISTANCE: Not applicable

Proper Shipping Name: Not applicable
Hazard Class: Not applicable
Identification Number: Not applicable
Packing Group: Not applicable
Label/Placard Codes: Not applicable

Section 15: Regulatory information

CANADA: All ingredients are listed on the DSL Domestic Substance List.

USA: All ingredients are listed on the TSCA Toxic Substances Control Act.

Section 16: Other information

Prepared by: Health and Safety Committee
Contact: A. Struthmann Hon. B.Sc.
Telephone: 1-519-536-1617
Date prepared: 2023-03-01

Additional information: The information in this SDS has been obtained from sources believed to be reliable. The manufacturer and supplier provides no warranties express or implied and assumes no responsibility for the accuracy or the completeness of the data contained herein.