

# Safety Data Sheet

## Section 1: Product identification and use

**Product Identifier:**

# Ogena SHIELD HAND CLEANER

**Process Identifier:**

Waterless heavy duty low odour hand cleaner with moisturizers for healthy skin

24H EMERGENCY: 613-996-6666

**Manufacturer's name and address:**

**Tetra-Chem Industries Ltd.**

271 Ingersoll St. S., Ingersoll ON N5C 3J7 Canada

Phone: 519-485-4370 — Toll free: 888-658-5515 — Fax: 855-762-4446

**Supplier's name and address:**

**OGENA Solutions**

442 Millen Rd. #6, STONEY CREEK, ON L8E 6H2 Canada

Dave Hachey T: (905) 664-2125 C: (905) 979-3202

E-mail: dhachey@ogenasolutions.com

## Section 2: Hazard Identification

**GHS Classification**

Not a hazardous chemical constitution.

**Signal Word**

**Hazard Statements**

**Pictograms**

**Precautionary Statements**

P264 Wash hands thoroughly after handling.

## Section 3: Composition / information on ingredients

**Hazardous Ingredients:**

**CHEMICAL NAME**

**CAS NUMBER**

**CONCENTRATION [% w/w]**

Deionized water

7732-18-5

82.2

C11-C12 Isoparaffin

246538-76-1

8.5

Glycerine (99.7%)

56-81-5

4.2

Lanolin

8006-54-0

4.2

Carbomer 940

9003-01-4

0.42

Triethanolamine

102-71-6

0.5

## Section 4: First aid measures

**Description of First Aid Measures**

**General:** Determine and identify areas of exposure.

**Inhalation:** No exposure risk.

**Skin Contact:** Rinse with water.

**Eye Contact:** Remove contact lenses. Keep eye wide open and rinse with plenty of water or saline solution for 15 minutes.

**Ingestion:** DO NOT induce vomiting. Follow directions by medical personnel.

**Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Determine and identify areas of exposure.

**Inhalation:** No exposure risk.

**Skin Contact:** Irritation and/or redness may develop on sensitive skin.

**Eye Contact:** Persistent redness and/or irritation requires medical attention.

**Ingestion:** Very low toxicity. Half life is 12-24 hrs in Humans with the excretion of metabolites occurring primarily through the urine.

## Section 5: Fire-fighting measures

**Extinguishing Media**

**Suitable Extinguishing Media:** Water spray or Dry chemical.

**Unsuitable Extinguishing Media:**

**Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** None under normal conditions.

**Explosion Hazard:** None under normal conditions.

**Reactivity:** Stable under normal conditions.

**Advice for Firefighters**

**Precautionary Measures Fire:** Product could release flammable vapours when heated. Keep containers cool.

**Firefighting Instructions:** Consider the circumstances and the surrounding environment.

**Protection During Firefighting:** Wear self-contained breathing apparatus.

**Hazardous Combustion Products:** Oxides of Carbon, hydrocarbon fumes.

## 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 and safety glasses.

**Emergency Procedures:** Ventilate area if indoor temperatures reach 30°C or higher.

Mop up small spills and dispose to sanitary sewer.

Product is only packaged in small containers. No threat of large spills exist.

**For Emergency Personnel**

**Protective Equipment:** Non-slip footwear and safety glasses.

**Emergency Procedures:** Ventilate area if indoor temperatures reach 30°C or higher.

**Environmental Precautions**

**Methods and Material for Containment and Cleaning Up**

**For Containment:** Product is a gel and is not mobile.

**Methods for Cleaning Up:** Mop up small spills and dispose to sanitary sewer.

Product is only packaged in small containers. No threat of large spills exists.

## Section 7: Handling and storage

**Precautions for Safe Handling**

**Additional Hazards When Processed:** Avoid contact with eyes.

**Hygiene Measures:** Wash hands with water after handling.

**Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Use only manufacturer's recommended dispensing equipment. Stainless Steel Drum dispensers and wall mount dispensers.

**Storage Conditions:** Ambient temperatures. Keep containers sealed.

**Incompatible Materials:** Oxidizing agents.

**Special Rules on Packaging:** Use only manufacturer's approved packaging.

**Specific End Use(s) TCI 124 H.D.** Heavy Duty Multi-purpose Odourless Hand Cleaner for cleaning all soil compositions found in health care, agricultural, automotive and industrial maintenance. Employment of this formulation prevents fingertip skin cracking during the dry - low humidity winter month.

See Product Application Sheet or SDS for safe intended use.

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## Section 8: Exposure controls / personal protection

### Control Parameters

ACGIH TLV: 865mg/m<sup>3</sup> (TWA)

### Exposure Controls

Appropriate Engineering Controls: Not normally required.

Personal Protective Equipment: Not normally required.

Other Information:

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## Section 9: Physical and chemical properties

### Information on Basic Physical and Chemical Properties

Physical State: CREAMY GEL

Appearance: Light Yellow

Odour: Clean fresh aroma.

Odour Threshold: Not determined.

pH: 7

Relative Evaporation Rate (butyl acetate=1): 0.001

Melting Point: Not applicable

Freezing Point: -20°C

Boiling Point: 100°C

Flash Point: 95°C

Auto-ignition Temperature: 225°C

Decomposition Temperature: Not applicable.

Flammability (solid/gas): Not applicable.

Lower Flammable Limit: Not applicable.

Upper Flammable Limit: Not applicable.

Vapour Pressure: Not applicable.

Relative Vapour Density at 20°C: Not applicable.

Relative Density: 0.95

Solubility in Water: Complete

Partition coefficient: n-octanol/water: Oil in water emulsion.

Viscosity: 50-70,000 centipoise

Explosion Data - Sensitivity to Mechanical Impact: No.

Explosion Data - Sensitivity to Static Discharge: No.

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## Section 10: Stability and reactivity

Reactivity: Stable under normal conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Not applicable.

Conditions to Avoid: Not applicable.

Incompatible Materials: Strong Oxidizers Acids and Alkalies.

Hazardous Decomposition Products: Oxides of Carbon, hydrocarbon fumes.

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## Section 11: Toxicological information

### Information on Toxicological Effects - Product

Acute Toxicity: Calculation method estimate of C11-C12 Isoparaffin > 5,000 mg/kg.

LD<sub>50</sub> Data (Species-Route): RAT - oral: > 5 g/kg RABBIT - dermal: 5 g/kg

LC<sub>50</sub> Data (Species-Route): RAT - inhalation: > 5.9 g/m<sup>3</sup> over 4hrs

Skin Corrosion/Irritation: Not likely to occur

Serious Eye Damage/Irritation: Not likely to occur.

Respiratory or Skin Sensitization: Not likely to occur.

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 Hazard: No available incidence data.

Symptoms/Injuries After Inhalation: No available incidence data.

Symptoms/Injuries After Skin Contact: No available incidence data.

Symptoms/Injuries After Eye Contact: No available incidence data.

Symptoms/Injuries After Ingestion: No available incidence data.

Information on Toxicological Effects - Ingredients

This C11-C12 Isoparaffin molecule has shown no toxicological properties.

Half life is 12-24 hrs in Humans with the excretion of metabolites occurring primarily through the urine.

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## Section 12: Ecological information

Toxicity: Biodegrades at a moderate rate and will not persist in the environment. It is not expected to cause short term toxicity in fish or other aquatic organisms..

Mobility in Soil: No available incidence data.

### Other Adverse Effects

Other Information: None of the ingredients are hazardous atmospheric pollutants.

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## 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: Waste stream to be determined for treatment method.

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## Section 14: Transport information

### LIMITED CONTAINER QUANTITY EXEMPTION: 5 L

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

### CONTAINER QUANTITIES EXCEEDING: 5 L

EMERGENCY ASSISTANCE: CANADA Canutec 1-888-CANUTEC (1-888-226-8832)

Proper Shipping Name:

Hazard Class:

Identification Number:

Packing Group:

Label/Placard Codes:

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## 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.

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## Section 16: Other information

Prepared by: Health and Safety committee

Contact: A. Struthmann (Hon. BSc.) Biochemistry

Telephone: 1-519-536-1617

Date prepared: 2020-08-21

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.