

Safety Data Sheet

Crown Waterless Hand Cleaner

SECTION 1. IDENTIFICATION

Product Identifier Other Means of Identification	Crown Waterless Hand Cleaner Part # 363111 Product # 2891
Recommended Use	General use by professionals and for the workplace for the removal of heavily soiled dirt, grease, and grime on hands and skin
Restrictions on Use	For use only as recommended
Initial Manufacturer / Supplier Identifier	Crown Equipment Corporation 44 South Washington Street New Bremen, OH 45869 Phone: 419-629-2311 Web: www.crown.com

Emergency Telephone Number	Chemtrec: 1 800 424 9300 Oklahoma Poison Control: 1 405 271 5454
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SECTION 2. HAZARD IDENTIFICATION

Classification	Eye irritant	Category 2A
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Label Elements	EMERGENCY OVERVIEW
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Causes eye irritation	Signal word: Warning
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Pictograms: Exclamation Mark



Appearance: Pink
 Physical State: semi solid
 Odor: Banana

Precautionary Statements – Prevention

Wash hands and skin thoroughly after handling.
 Wear eye protection/face protection.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Other Hazards None identified

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Petroleum distillates, Hydrotreated Light	64742-47-8	30-40%	None	Petroleum Distillates
Petroleum Distillates, solvent-refined light paraffinic	Proprietary	10-20%	None	Petroleum Distillates
2-Ethyl Hexanol EO-PO Nonionic Surfactant	64366-70-7	1-5%	None	Surfactant
Propylene Glycol	57-55-6	1-5%	PG	Emulsifier
All other ingredients are below reportable amounts				

SECTION 4. FIRST-AID MEASURES

Inhalation Remove person from source of exposure and get medical attention for any breathing difficulty.

Skin Contact Get medical advice if irritation develops.

Eye Contact In case of eye contact, flush with water and get medical attention if needed. (see precautionary statements)

Ingestion DO NOT induce vomiting. Rinse mouth with water. Get immediate medical if not feeling well.

Most Important Symptoms and Effects, Acute and Delayed May cause eye irritation

Immediate Medical Attention and Special Treatment If exposed and feeling unwell or are concerned, seek medical attention

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media Use dry chemical powder, alcohol-resistant foam, or carbon dioxide. Water spray, but DO NOT use heavy or strong water steam, which may spread flames

Unsuitable Extinguishing Media DO NOT use heavy or strong water steam, which may spread flames

Specific Hazards Arising from the Product Nature of decomposition products not known

Special Protective Equipment and Precautions for Fire-Fighters Exercise caution when fighting any chemical fire
Wear self-contained breathing apparatus for firefighting if necessary.
In case of major fire, evacuate area, fight fire remotely.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures Avoid breathing vapors, mist, or gas.
For personal protections see section 8.

Methods for Containment and Cleaning Up Contain Spillage.
Place in container for disposal according to local regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling Avoid inhalation of vapor or mist
Wear proper personal protective equipment.

Conditions for Safe Storage Store in original container.
Keep Container tightly closed in a cool, dry, and well-ventilated area.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Distillates (petroleum), Hydrotreated Light	400mg/m ³ 100ppm (Vapor)			
Propylene Glycol (CAS 57-55-6)	10 mg/m ³ (Aerosol)			

Notes:

Appropriate Engineering Controls	Emergency eye wash and shower stations should be in ready proximity of any potential exposure hazard. Ensure adequate ventilation is maintained in use areas. Ensure all national/state regulations are observed.
Individual Protection Measures	Apparel: Gloves, goggles, or face shields, and respiratory equipment should be worn when handling bulk product.
Eye/Face Protection	Wear chemically resistant goggles or face shields.
Skin Protection	Use appropriate protective clothing, (i.e. chemically resistant materials and fabrics).
Respiratory Protection	Wear approved respiratory protection when necessary. (i.e. exposure limits are exceeded or unknown, when ventilation is inadequate).

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Semi-solid
Odor	Banana
Odor Threshold	No data available
pH	6.0 to 8.0
Melting Point and Freezing Point	No data available
Initial Boiling Point and Boiling Range	No data available
Flash Point	>200°F
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper and Lower Flammability or Explosive Limit	No data available
Vapor Pressure	No data available
Vapor Density (air = 1)	No data available
Relative Density (water = 1)	No data available
Solubility in Water	No data available

Solubility in Other Liquids	No data available
Partition Coefficient, n-Octanol / Water (Log Kow)	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Not reactive in normal or expected conditions
Chemical Stability	Stable under recommended conditions
Possibility of Hazardous Reactions	No known reactions
Conditions to Avoid	No known conditions
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Carbon dioxide, carbon monoxide are common during rapid decomposition or burning.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation
Skin contact
Eye contact
Ingestion

Acute Toxicity: Has not been determined for this product.

Skin Corrosion / Irritation No information available

Serious Eye Damage / Irritation May cause eye irritation

STOT (Specific Target Organ Toxicity) - Single Exposure No information available.

**Aspiration Hazard
STOT (Specific Target Organ
Toxicity) - Repeated Exposure** Not an aspiration hazard

**Respiratory and/or Skin
Sensitization** No information available.

Carcinogenicity

**Reproductive Toxicity:
Development of Offspring** No information available

Sexual Function and Fertility No information available

Effects on or via Lactation No information available

Germ Cell Mutagenicity No information available

Interactive Effects No information available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity No information available

**Persistence and
Degradability** No information available

**Bio accumulative
Potential** No information available

Mobility in Soil No information available

**Other Adverse
Effects** No information available

Chemical Name	CAS No.	Toxicity	Literature Value	Bio accumulative Potential
Propylene Glycol	57-55-6	EC50 Water Flea	10000 mg/L (48hrs)	Log Kow = -0.92
		LC50 Flathead Minnow	710 mg/L (96hr)	

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods Dispose of contents and containers in accordance with federal, state, and local statutes.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
This material is not regulated for transportation by IMDG, IATA, Canadian TDG					

Special Precautions	None known
Environmental Hazards	Do not release into the environment
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

SECTION 15. REGULATORY INFORMATION

Chemical Name	CAS No.	Jurisdiction	Regulation
Petroleum distillates, Hydrotreated Light	64742-47-8	Osha	Z
		New Jersey	Right to Know
		Pennsylvania	Right To Know
Petroleum Distillates, solvent-refined light paraffinic	Proprietary	Massachusetts	Right to know
Propylene Glycol	57-55-6	New Jersey	Right to know
		Pennsylvania	Right to know
2-Ethyl Hexanol EO-PO Nonionic Surfactant	64366-70-7	SARA 311/312	Immediate (acute) health hazard
Isopropanol	67-63-0	Massachusetts	Right to know
		New Jersey	Right to know
		Pennsylvania	Right to know
		Pennsylvania	Environmental hazards list

Butylated Hydroxytoluene	128-37-0	SARA 311/312	Acute Health Hazard
		Massachusetts	Right to know
		New Jersey	Right to know
		Pennsylvania	Right to know
		Rhode Island	Right to know

California Proposition 65: This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

All materials Comply with the following inventories:

TSCA
 DSL/NDLS
 EINECS/ELINCS
 ENCS
 IECSC
 KECL
 PICCS
 AICS

SECTION 16. OTHER INFORMATION

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Disclaimer: This Safety Data Sheet has been prepared in accordance with the Globally Harmonized System for the Classification and Labeling of Chemical (GHS). To the best of our knowledge the information herein is accurate. However, the supplier makes no warranty and assume no liability resulting from its use. In no event shall the manufacturer/supplier be liable for any claims, losses, or damages of any third party resulting from the use of or reliance upon this information.