

Material Safety Data Sheet

MSDS ID: SK-149B

*** Section 1 - Chemical Product and Company Identification ***

Product Name: DURAPRO®**Product Use:** Before Work Cream**Company Information**Evonik Stockhausen, LLC
2401 Doyle Street
Greensboro, NC 27406

Non-Emergency # 800-242-2271

Emergency # (800) 424-9300 CHEMTREC (North America)**Emergency # (703) 527-3887 CHEMTREC (International, call collect)****General Comments**

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving the product. All Non-emergency questions should be directed to the Australian Non-Emergency number above.

*** Section 2 - Hazards Identification ***

Emergency Overview

No particular hazards known.

Potential Health Effects: Eyes

This product may cause slight irritation to the eyes.

Potential Health Effects: Skin

None identified.

Potential Health Effects: Ingestion

Seek medical attention.

Potential Health Effects: Inhalation

No adverse effects expected with intended use as a hand cleaner.

HMIS Ratings: **Health:** 1 **Fire:** 0 **Reactivity:** 0 **Pers. Prot.:** None required.

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

Component Information/Information on Non-Hazardous Components

This product is a cosmetic intended for personal use in the workplace and is thus regulated by FDA.

See container label regarding proper handling and use of this product.

Ingredients are listed in descending order of concentration on the container label.

For OSHA workplace hazards, investigate and read and understand component MSDS's before manufacturing.

Toxic Substances Control Act (TSCA): Exempt

Workplace Hazardous Materials Information System (WHIMS-Canada): Exempt-cosmetic hand cleaner

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*** Section 4 - First Aid Measures ***

First Aid: Eyes

In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

First Aid: Skin

Intended as a cosmetic hand cleaner.

First Aid: Ingestion

If material is swallowed, get medical attention or advice.

First Aid: Inhalation

None identified.

First Aid: Notes to Physician

None

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

None identified.

Upper Flammable Limit (UFL): Not determined

Lower Flammable Limit (LFL): Not determined

Method Used: PMCC

Flash Point: >100°C

Flammability Classification:

Auto Ignition: Not determined

Hazardous Combustion Products

None identified.

Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

Fire Fighting Equipment/Instructions

Firefighters should wear self-contained air supplied breathing apparatus in enclosed areas or in areas of heavy smoke or fumes.

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Absorb spill with inert material.

Clean-Up Procedures

Absorb spill with inert material. Shovel material into appropriate container for disposal. Flush small residuals to the drain for normal biological wastewater treatment.

Evacuation Procedures

None identified.

Special Procedures

None identified.

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*** Section 7 - Handling and Storage ***

Handling Procedures

Keep container closed. See container label for proper use.

Storage Procedures

Protect from freezing or excessive heat to prevent component separation.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

A: General Product Information

FDA Regulated. For OSHA workplace hazards, investigate and read and understand component MSDS's before manufacturing.

B: Component Exposure Limits

Paraffinum Liquidum (8012-95-1) (5-10%)

OSHA:	5 mg/m3 TWA
ACGIH:	5 mg/m3 TWA (sampled by method that does not collect vapor)

Alcohol, Denatured (64-17-5) (Less than 1%)

OSHA:	1000 ppm TWA; 1900 mg/m3 TWA
ACGIH:	1000 ppm TWA

Engineering Controls

None necessary.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Avoid eye contact.

Personal Protective Equipment: Skin

None required.

Personal Protective Equipment: Respiratory

Not required for product end use.

Personal Protective Equipment: General

Obey reasonable safety precautions and practice good housekeeping.

*** Section 9 - Physical & Chemical Properties ***

Appearance: White, cream	Odor: Characteristic
Physical State: Silicone-Free soft cream	pH: 5.5 - 6.5
Vapor Pressure: Not Established	Vapor Density: Not Established
Boiling Point: ~100°C	Melting Point: Not Established
Solubility (H2O): Water Soluble @ 20°C	Specific Gravity: 0.983 g/cc ³ @ 20°C
Evaporation Rate: <1 (butyl acetate = 1)	Flash Point: >100°C (PMCC)

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

Stable under usual application conditions.

Chemical Stability: Conditions to Avoid

None identified.

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Incompatibility

Strong acids, alkali's and oxidizers.

Hazardous Decomposition

None identified.

Hazardous Polymerization

Hazardous polymerization will not occur.

*** Section 11 - Toxicological Information ***

Acute and Chronic Toxicity

A: General Product Information

Adverse effects on human health are not expected in normal use.

B: Acute Toxicity-LD50/LC50

Paraffinum Liquidum (8012-95-1)

LD50:	Oral LD50 Mouse: 22 g/kg
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Alcohol, Denatured (64-17-5)

LD50:	Inhalation LC50 Rat: 124.7 mg/L/4H; Oral LD50 Rat: 1501 mg/kg
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Carcinogenicity

A: General Product Information

Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

B: Component Carcinogenicity

Paraffinum Liquidum (8012-95-1)

IARC:	Supplement 7, 1987; Monograph 33, 1984
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Alcohol, Denatured (64-17-5)

ACGIH:	A4 - Not Classifiable as a Human Carcinogen
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Other Toxicological Information

None.

*** Section 12 - Ecological Information ***

Ecotoxicity

A: General Product Information

Prevent concentrated product from entering surface waters without biological waste water treatment.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Propylene Glycol (57-55-6)

96 Hr LC50 *Oncorhynchus mykiss*: 51600 mg/L [static]; 96 Hr LC50 *Pimephales promelas*: 51400 mg/L [static]

Alcohol, Denatured (64-17-5)

96 Hr LC50 *Oncorhynchus mykiss*: 12900 mg/L [flow-through] (30 days old); 96 Hr LC50 *Pimephales promelas*: 14.2 mg/L

Environmental Fate

No information available.

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*** Section 13 - Disposal Considerations ***

US EPA Waste Number & Descriptions

A: General Product Information

Absorb with inert material.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Contain and collect for proper disposal. Dispose of material according to all local, state, federal and provincial environmental regulations.

*** Section 14 - Transportation Information ***

International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

*** Section 15 - Regulatory Information ***

US Federal Regulations

A: General Product Information

Not subject to TSCA regulation. Regulated as a personal use cosmetic by FDA.

B: Clean Air Act

No information is available.

C: Component Analysis

No information is available.

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Paraffinum Liquidum 5-10%	8012-95-1	Yes	No	Yes	Yes	No	Yes
Propylene Glycol 1-5%	57-55-6	No	No	No	Yes	No	Yes
Alcohol, Denatured <1%	64-17-5	Yes	No	Yes	Yes	Yes	Yes

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Paraffinum Liquidum	8012-95-1	1 %
Propylene Glycol	57-55-6	1 %
Stearic acid	57-11-4	1 %
Alcohol, Denatured	64-17-5	0.1 %

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Paraffinum Liquidum	8012-95-1	Yes	DSL	EINECS
Propylene Glycol	57-55-6	Yes	DSL	EINECS
Stearic acid	57-11-4	Yes	DSL	EINECS
Alcohol, Denatured	64-17-5	Yes	DSL	EINECS

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* * * Section 16 – Other Information * * *

Other Information

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

MSDS History

This is a revised MSDS. Section's 2 & 3 have been revised to reflect proposed 2004 ANSI Standards format recommendations for 2007 implementation.
1-26-09 Reviewed with no changes.

Contact: Product Compliance Officer

Contact Phone: (800) 242-2271

This is the end of MSDS #: SK-149B