

MATERIAL SAFETY DATA SHEET

1. Identification of the substance/preparation and company/undertaking.

Identification of preparation

Kimberly-Clark® Professional Natural Lotion Hand Cleanser	code 6302010	500ml Bag in Box
Kimberly-Clark® Professional N-10 Natural Hand Cleanser	code 6310010	950ml Bottle
Kimberly-Clark® Professional Natural Hand Cleanser	code 6311010	1000ml Bottle

Use of preparation

Rinse off hand cleanser for removal of light and medium soiling from hands.

Company/undertaking identification

Groveko Ede BV, Max Planckstraat 34, 6716 BE EDE Tel. 0318-632185
Kimberly-Clark Europe Limited, Beech House, 35 London Road, Reigate, Surrey, RH2 9PZ
Tel: 01737 736000 Contact: Skincare Technical Manager

2. Composition/information on ingredients

Ingredients listed in descending order of concentration on the primary packaging. Ingredients with individual hazard classification or exposure limits shown below.

Chemical	CAS No	EINECS No	Classification	Conc range
Anionic surfactant			R38/41	5-15%
Amphoteric surfactant			R36	1-5%
Non-ionic surfactant			R36/38-41	1-5%
Propane 1,2 diol	57-55-6	200-338-0	unclassified	less than 1%

3. Hazards identification

Human

Not classified as "Harmful if swallowed"
If ingested may cause some irritation of the mouth and upper digestive tract.
Prolonged skin contact may cause skin irritation.
Unlikely to cause skin sensitisation by skin contact
May irritate the eye.
It is unlikely that inhalation will be a route of exposure.

Safety

Not classified as flammable, explosive or oxidising.

Environmental

Not classified as Dangerous to the Environment. See section 12.

4. First-aid measures

Skin : Wash with water.
Eyes : Wash eye thoroughly with plenty of clean water.
Ingestion : Wash out mouth with water. Do not induce vomiting. Seek medical advice

5. Fire-fighting measures

Fumes containing carbon monoxide, carbon dioxide, sulphur dioxide and oxides of nitrogen may be formed in large fires.

Suitable extinguishing media : Powder, foam, sand, water spray
Unsuitable extinguishing media : Avoid using large quantities of water
Special exposure hazards : Incomplete combustion may generate carbon monoxide, sulphur dioxide and oxides of nitrogen
Fire fighting protective equipment : Self contained breathing apparatus must be worn

6. Accidental release measures

May make floor very slippery. Contain and collect spillage.
Failure to contain a release must be notified to both local authority and Kimberly-Clark Europe Ltd

Personal precautions : See section 8

Environmental precautions : Do not wash into the drains

Disposal precautions : Absorb liquid on to sand/kielsguhr or other inert material.
: Place in plastic barrels for disposal.
: Do not mix with other waste materials.
: Dispose of in accordance with state and local authority regulations.

7. Handling and storage

Handling	: Avoid contact with eyes or prolonged skin contact. See section 8.
Storage	: Store at between 5 and 40 degrees. : Protect from frost : Do not store close to strong oxidising agents. : Do not store in direct sunlight.
Suitable packaging	: Plastic, plastic lined or stainless steel, tightly closed containers
Specific Use(s)	: Rinse off hand cleanser without any added fragrance or dyes suitable for frequent hand washing in healthcare/food service.

8. Exposure controls/personal protection

There are no requirements for any personal protective equipment during normal use.

When containing/cleaning up a spillage the working procedures should minimise worker exposure to this product. Where this is not possible the following personal protective equipment should be provided:
Protective overalls and shoes/boots recommended.

Impervious gloves recommended

Chemical safety goggles recommended

All personal protective equipment must comply with the appropriate EEC (CE) standards and should be maintained and stored to ensure continued suitability for use. Workers should be trained in the effective use and maintenance of the personal protective equipment provided.

Occupational exposure limits.

Propane 1,2 diol	8 hr TWA vapour and particulates	474 mg/m ³
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9. Physical and chemical properties

General Information

Appearance :	White, pearlescent viscous liquid	Odour :	No fragrance added
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Important health, safety and environmental information

pH	5.0-6.0	Density	1.030-1.040g/cc
Boiling point/boiling range	Not known	Solubility in water	100%
Flash Point	Not applicable	Freezing point/Freezing range	<-2 °C
Flammability	Not applicable	Partition coefficient : n-octanol/water	Not known
Explosive properties	Not applicable	Viscosity	5000-7000 cPs
Oxidising properties	Not applicable	Vapour density	Not applicable
Vapour pressure	Not applicable	Evaporation rate	Not applicable

10. Stability and reactivity

Product stable under normal conditions.

Conditions to avoid	: See section 7
Materials to avoid	: May react with strong oxidants
Hazardous decomposition products	: Incomplete combustion may generate carbon monoxide, sulphur dioxide, oxides of nitrogen

11. Toxicological information

Acute toxicity :	LD50(oral rat) >2000mg/kg Not classified as "Harmful if swallowed" Unlikely to cause damage to internal organs following skin contact.
Corrosivity/irritation :	If ingested may cause some irritation to the mouth and upper digestive tract. May cause some skin irritation after prolonged contact. May cause irritation of the eye.
Sensitisation:	Unlikely to cause sensitisation by prolonged and/or repeated skin contact.

This preparation has not been assessed for Repeated Dose Toxicity, Mutagenicity, Carcinogenicity, Reproductive toxicity, so its hazardous properties in these regards are not known.

12. Ecological information

The conventional assessment of this preparation indicates that it is not classified as Dangerous to the Environment.
Primary biodegradation > 98% (OECD,301E,MBAS, 28d). Unlikely to accumulate in the aquatic environment.
The primary packaging is not biodegradable.

13. Disposal considerations

Product : : Do not wash into the drains. Place in plastic barrels for disposal.
: Do not mix with other waste materials.
Packaging : : Packaging to be disposed of in a safe way.

Dispose of in accordance with State and local authority regulations.
Seek advice from local waste authority or seek guidance from Kimberly-Clark Europe Limited.

14. Transport information

This product is not classified as Dangerous for Transport

15. Regulatory information

This product has been assessed using the health and safety criteria laid down in the EEC Directives on the Control of Dangerous Substances and Preparations. It is found not to be classified using the health, safety and environmental criteria.

This product fulfills the requirements of EC Cosmetic Directive 76/768/EC and is therefore outside the scope of Council Directive 88/379/EEC. The following information is provided for handling the product in the warehouse and for COSHH assessment purposes.

16 . Other information

This safety data sheet takes into account the enactment of Council Directive 88/379/EEC and its amendments/adaptations.

This safety data sheet is accurate to the best of our knowledge and is based on information which we consider to be reliable. It is furnished without warranty.

Revision History :

Edition No	Reason	Date
1	Codes 6302010, 6310010, 6311010 consolidated onto this single data sheet. Replaces data sheets for 6302010 dated 15/04/99, 6310010 dated 25/03/99, 6311010 dated 25/3/99. Prepared in accordance with CHIP3 regulations.	3 October 2002