Material Safety Data Sheet

Hand cleansing gel

Section 1. Chemical product and company identification

Manufacturer	: HG International b.v.	**Code**	: 104050164
Address	: Damsluisweg 70 1332 EJ Almere	**MSDS#**	: 1.01
Country	: Netherlands	**Validation date**	: 9-5-2011.
Telephone No.:	: +31 (0)36 54 94 700	**Print date**	: 9-5-2011.
Fax	: +31 (0)36 54 94 744	**Responsible name**	: P. Stienstra
Internet:	: www.hg.eu	**Telephone No.:**	: +1.705.726.5445
Supplier	: Solstrand Trading	**Fax**	: +1.705.734.0857
Address	: 60 Lockhart road Barrie, Ontario L4N 9G8	**Country**	: Canada

Material uses : Cleaner.

In Case of Emergency : **Chem. Tel Inc. (813) 248 0585 or Toll free (800) 255 3924**

Section 2. Composition, Information on Ingredients

Name	CAS #	% by weight	Exposure limits
ligroine a complex combination of hydrocarbons obtained by the fractional distillation of petroleum. this fraction boils in the range of approximately 20 °c to 135 °c (58 °f to 275 °f).	8032-32-4	5 - 15	
oil mist, mineral	8012-95-1	1 - 5	
alcohols, c12-15, ethoxylated	68131-39-5	1 - 5	

Section 3. Hazards identification

Physical State and Appearance : Liquid. (Gel)

Emergency overview :

CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE.

Avoid exposure - obtain special instructions before use. Do not breathe vapor or mist. Contains material that can cause target organ damage.

Routes of entry : Dermal contact. Eye contact. Ingestion.

Potential acute health effects

Eyes : No known significant effects or critical hazards.

Skin : No known significant effects or critical hazards.

Inhalation : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion : No known significant effects or critical hazards.

Potential chronic health effects : **CARCINOGENIC EFFECTS**: Classified A3 (Proven for animals.) by ACGIH [ligroine a complex combination of hydrocarbons obtained by the fractional distillation of petroleum. this fraction boils in the range of approximately 20 °c to 135 °c (58 °f to 275 °f).]. Classified 3 (Not classifiable for humans.) by IARC [polyethylene].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical conditions aggravated by overexposure: : Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

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Over-exposure signs/symptoms : Not available.

See toxicological Information (section 11)

Section 4. First aid measures

Eye Contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Ingestion : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Notes to Physician : Not available.

Section 5. Fire fighting measures

Flammability of the product : Non-flammable.

Auto-ignition Temperature : Not applicable.

Flash Points : Not applicable.

Flammable limits : Not applicable.

Products of combustion : Not applicable.

Fire hazards in presence of various substances : Not available.

Explosion hazards in presence of various substances : Not available.

Fire fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

In a fire or if heated, a pressure increase will occur and the container may burst.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Special remarks on fire hazards : Not available.

Special remarks on explosion hazards : Not available.

Section 6. Accidental release measures

Personal precautions : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

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Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Section 7. Handling and storage

Handling : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure Controls, Personal Protection

Engineering controls : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal protection

Eyes : Recommended: safety glasses with side shields

Skin : Recommended: Work uniform or laboratory coat.

Respiratory : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Other protection : Not available.

Personal protective equipment (Pictograms) :

Personal protection in case of a large spill : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be adequate. Consult a specialist before handling this product.

Product Name	Exposure limits
ligroine a complex combination of hydrocarbons obtained by the fractional distillation of petroleum. this fraction boils in the range of approximately 20 °c to 135 °c (58 °f to 275 °f).	**ACGIH TLV (United States, 1/2004). Notes: 1996 Adoption Substances for which the TLV is higher than the OSHA Permissible Exposure Limit (PEL) and/or the NIOSH Recommended Exposure Limit (REL). See CFR 58(124) :36338-33351, June 30, 1993, for revised OSHA PEL. Refers to Appendix A - - Carcinogens.** TWA: 1370 mg/m³ 8 hour(s). Form: All forms TWA: 300 ppm 8 hour(s). Form: All forms
oil mist, mineral	**ACGIH TLV (United States, 1/2004). Notes: Adopted Values enclosed are those for which changes are proposed. Consult the Notice of Intended Changes for current proposal. See Notice of Intended changes.** STEL: 10 mg/m³ 15 minute(s). Form: All forms **ACGIH TLV (United States, 1/2004). Notes: Adopted Values enclosed are those for which changes are proposed. Consult the Notice of Intended**

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Changes for current proposal. As sampled by a method that does not collect vapor. See Notice of Intended changes.
TWA: 5 mg/m³ 8 hour(s). Form: All forms

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

Physical State and Appearance : Liquid. (Gel)

Color : Green. (Light.)

Odor : Characteristic.

pH : 7.5 to 8.5 (Conc. (% w/w): 100) [Basic.]

Relative density : 0.97 g/ml (20°C / 68°F)

Viscosity : Not available.

Solubility : Easily soluble in the following materials: hot water.
Soluble in the following materials: cold water.

Flash point : Not applicable.

Explosive properties : Not available.

Oxidizing properties : Not available.

Physical chemical comments : Not available.

Section 10. Stability and reactivity

Stability and Reactivity : The product is stable.

Conditions of instability : Stable under recommended storage and handling conditions (see section 7).

Incompatibility with various substances : Reactive with oxidizing agents.

Hazardous Decomposition Products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous polymerization : Will not occur.

Section 11. Toxicological information

Chronic effects on humans : **CARCINOGENIC EFFECTS**: Classified A3 (Proven for animals.) by ACGIH [ligroine a complex combination of hydrocarbons obtained by the fractional distillation of petroleum. this fraction boils in the range of approximately 20 °c to 135 °c (58 °f to 275 °f).]. Classified 3 (Not classifiable for humans.) by IARC [polyethylene].
Contains material which causes damage to the following organs: upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

Other toxic effects on humans : Non-irritant to skin. Non-irritating to the eyes.

Special remarks on toxicity to animals : Not available.

Special remarks on chronic effects on humans : Not available.

Special remarks on other toxic effects on humans : Not available.

Specific effects

Carcinogenic effects : No known significant effects or critical hazards.

Mutagenic effects : No known significant effects or critical hazards.

Reproduction toxicity : No known significant effects or critical hazards.

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Section 12. Ecological information

oil mist, mineral	Lepomis macrochirus (LC50)	96 hour(s)	>100 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	>100 mg/l
alcohols, c12-15, ethoxylated	Daphnia magna (EC50)	48 hour(s)	1.3 mg/l
	Daphnia magna (EC50)	48 hour(s)	1.4 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	1.03 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	1.16 mg/l
	Pimephales promelas (LC50)	96 hour(s)	1.4 mg/l
	Pimephales promelas (LC50)	96 hour(s)	1.58 mg/l

BOD and COD : Not available.

Biodegradable/OECD : Readily biodegradable

Mobility : Not available.

Products of degradation : Not applicable.

Toxicity of the products of biodegradation : Not available.

Special remarks on the products of biodegradation : Not available.

Section 13. Disposal considerations

Waste information : The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Waste stream : Not available.

Consult your local or regional authorities.

Section 14. Transport information

Regulatory Information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
DOT Classification	Not regulated.	-	-	-		-
TDG Classification	Not regulated.	-	-	-		-
ADR/RID Class	Not regulated.	-	-	-		-
IMDG Class	Not regulated.	-	-	-		-
IATA-DGR Class	Not regulated.	-	-	-		-

Section 15. Regulatory information

WHMIS (Canada) : Not controlled under WHMIS (Canada).

CEPA Toxic substances: None of the components are listed.
Canadian ARET: None of the components are listed.
Canadian NPRI: None of the components are listed.
Alberta Designated Substances: None of the components are listed.
Ontario Designated Substances: None of the components are listed.
Quebec Designated Substances: None of the components are listed.

International regulations

EINECS :

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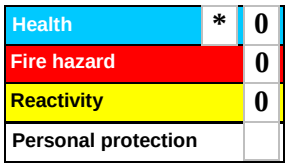
DSCL (EEC) : Aqua, Parafinum Liquidum, C14-C15 Pareth-7, Mineral Spirits, C9-C11 Pareth-6, C12-C15 Pareth-3, Polyethylene, Citrus Dulcis, Limonene, Acrylates/C10-30, Alkyl acrylate Crosspolymer Sodium Salt, Methyl Paraben, Butyl Paraben, Ethyl Paraben, Propyl Paraben, Isobutyl Paraben, Chloromethylisothiazolinone, Methylisothiazolinone, Cl 15510, Cl 19140,Cl 10020, Cl 42090.

International lists : **Australia inventory (AICS):** Not determined.
China inventory (IECSC): Not determined.
Korea inventory (KECI): Not determined.
Philippines inventory (PICCS): Not determined.
Japan inventory (ENCS): Not determined.

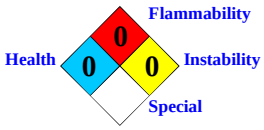
Section 16. Other information

Label Requirements : CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE.

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



References : Not available.
Other special considerations : Not available.

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