



Material Safety Data Sheet



4 in 1 for leather

Section 1. Chemical product and company identification

Manufacturer : HG International b.v. **Code** : 172025164
Address : Damsluisweg 70 1332 EJ Almere **MSDS#** : 2.02
Country : Netherlands **Validation date** : 9-5-2011.
Telephone No.: : +31 (0)36 54 94 700 **Print date** : 9-5-2011.
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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
Terpeneoil	8006-64-2	0 - 1	Not available.
Low boiling point hydrogen treated naphth	64742-82-1	<0.1	Not available.

Section 3. Hazards identification

Physical State and Appearance : Liquid.
Emergency overview : No specific hazard.
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 : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : **CARCINOGENIC EFFECTS:** Classified A4 (Not classifiable for human or animal.) by ACGIH [Terpeneoil].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
Medical conditions aggravated by overexposure: : Repeated or prolonged exposure is not known to aggravate medical condition.
Over-exposure signs/symptoms : Not available.
[See toxicological information \(section 11\)](#)

Section 4. First aid measures

Eye Contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation :
Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

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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 applicable.

Explosion hazards in presence of various substances : Not available.

Fire fighting media and instructions : In case of fire, use water spray (fog), foam or dry chemicals. Do not use water jet.
Wear appropriate respirator when ventilation is inadequate.
No specific hazard.

Special protective equipment for fire-fighters : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece 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 : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up : If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Section 7. Handling and storage

Handling : Wash thoroughly after handling. Do not ingest. Keep out of the reach of children.

Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep in frostfree area

Section 8. Exposure Controls, Personal Protection

Engineering controls : No special ventilation requirements.

Personal protection

Eyes : splash goggles

Skin : Not applicable

Respiratory : Not applicable

Hands : Gloves.

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 sufficient; consult a specialist BEFORE handling this product.

Consult local authorities for acceptable exposure limits.

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Section 9. Physical and chemical properties

Physical State and Appearance	: Liquid.
Color	: White.
Odor	: Characteristic. [Slight]
pH	: 7.5 to 9 [Basic.]
Relative density	: 1 g/cm ³ (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 applicable
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). Keep in frostfree area
Incompatibility with various substances	: Not available.
Hazardous Decomposition Products	: Not available.
Hazardous polymerization	: Will not occur.

Section 11. Toxicological information

Chronic effects on humans	: CARCINOGENIC EFFECTS: Classified A4 (Not classifiable for human or animal.) by ACGIH [Terpeneoil].
Other toxic effects on humans	: No specific information is available in our database regarding the other toxic effects of this material for humans.
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.

Section 12. Ecological information

BOD and COD	: Not available.
Biodegradable/OECD	: Not available.
Mobility	: Not available.
Products of degradation	: Not available.
Toxicity of the products of biodegradation	: Not available.
Special remarks on the products of biodegradation	: Not available.

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Section 13. Disposal considerations

Waste information : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. 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.

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.	-	-	-		Remarks Keep in frostfree area
TDG Classification	Not regulated.	-	-	-		Remarks Keep in frostfree area
ADR/RID Class	Not regulated.	-	-	-		Remarks Keep in frostfree area
IMDG Class	Not regulated.	-	-	-		Remarks Keep in frostfree area
IATA-DGR Class	Not regulated.	-	-	-		Remarks Keep in frostfree area

Section 15. Regulatory information

WHMIS (Canada) : Not controlled under WHMIS (Canada).
No products were found.

International regulations

EINECS : Not available.

DSCL (EEC) : R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

International lists :

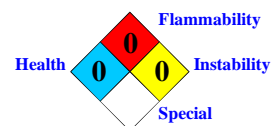
Section 16. Other information

Label Requirements : Not applicable.

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

Health	0
Fire hazard	0
Reactivity	0
Personal protection	C

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



References : Not available.

Other special considerations : Not available.

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Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.