



# Material Safety Data Sheet



## Water, oil, grease & dirt repellent for leather

### Section 1. Chemical product and company identification

**Manufacturer** : HG International b.v. **Code** : 208164  
**Address** : Damsluisweg 70 1332 EJ Almere **MSDS#** : 1.01  
**Country** : Netherlands **Validation date** : 12-9-2007.  
**Telephone No.:** : +31 (0)36 54 94 700 **Print date** : 12-9-2007.  
**Fax** : +31 (0)36 54 94 744 **Responsible name** : P. Stienstra  
**Internet:** : www.hginternational.com **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** : A completely invisible protection that does not alter the feel of the surface  
**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
Naphtha (petroleum), hydrotreated light	64742-49-0	30 - 100	
n-butyl acetate	123-86-4	1 - 5	

### Section 3. Hazards identification

**Physical State and Appearance** : Aerosol.

**Emergency overview** : DANGER  
CAUTION  
FLAMMABLE.  
CONTENTS UNDER PRESSURE.  
Vapor may cause flash fire.  
Container explosion may occur under fire conditions or when heated.  
Do not smoke.  
Do not breathe fumes.  
Do not puncture or incinerate container.  
Use only in well-ventilated areas.  
Keep away from heat, sparks and flame.

**Routes of entry** : Dermal contact. Eye contact. Inhalation.

**Potential acute health effects**

**Eyes** : May cause eye irritation.  
**Skin** : May cause skin irritation.  
**Inhalation** : Vapors may cause drowsiness and dizziness.  
**Ingestion** : Ingestion is not likely while the product will not easily enter the human body

**Potential chronic health effects** : **CARCINOGENIC EFFECTS:** Classified A4 (Not classifiable for humans or animals.) by ACGIH [n-butyl acetate].  
**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.

**Over-exposure signs/symptoms** : Not available.

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[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.
- 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** : FLAMMABLE.
- Auto-ignition Temperature** : Lowest known value: 392°C (737.6°F) (Naphtha (petroleum), hydrotreated light).
- Flash Points** : Closed cup: Between -18°C (0°F) and 23°C (73°F). (Pensky-Martens.)
- Flammable limits** : Lower: 0.8% Upper: 10%
- Products of combustion** : Decomposition products may include the following materials: carbon oxides (CO, CO<sub>2</sub>).
- Fire hazards in presence of various substances** : Not available.
- Explosion hazards in presence of various substances** : Not available.
- Fire fighting media and instructions** : In case of fire, use water spray (fog), foam, dry chemical or CO<sub>2</sub>.  
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. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.  
Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.
- 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. In the case of aerosols being ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. If a large number of containers are ruptured, treat as a bulk material spillage according to the instructions in the clean-up section. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective

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equipment (see section 8).

- 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). Use spark-proof tools and explosion-proof equipment. 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. Avoid breathing gas. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Empty containers retain product residue and can be hazardous.
- Storage** : Do not store above the following temperature: 50°C (122°F). Store in accordance with local regulations. Store in a segregated and approved area. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. 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** : >8 hours (breakthrough time): polyvinyl alcohol (PVA)
- 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**  
n-butyl acetate

### Exposure limits

**ACGIH TLV (United States, 9/2004). Notes: 1998 Adoption.**

STEL: 200 ppm 15 minute(s). Form: All forms

TWA: 150 ppm 8 hour(s). Form: All forms

[Consult local authorities for acceptable exposure limits.](#)

## Section 9. Physical and chemical properties

<b>Physical State and Appearance</b>	: Aerosol.
<b>Color</b>	: Colorless.
<b>Odor</b>	: Solvent.
<b>pH</b>	: Not applicable
<b>Relative density</b>	: 0.66 g/ml (20°C / 68°F)
<b>Viscosity</b>	: Not available.
<b>Solubility</b>	: Easily soluble in the following materials: methanol, diethyl ether, n-octanol. Very slightly soluble in the following materials: cold water, hot water.
<b>Flash point</b>	: Closed cup: Between -18°C (0°F) and 23°C (73°F). (Pensky-Martens.)
<b>Explosive properties</b>	: Not available.
<b>Explosion Limits</b>	: Lower: 0.8% Upper: 10%
<b>Oxidizing properties</b>	: Not applicable
<b>Physical chemical comments</b>	: Solubility in other solvents: soluble

## Section 10. Stability and reactivity

<b>Stability and Reactivity</b>	: The product is stable.
<b>Conditions of instability</b>	: Keep away from heat, sparks and flame. Stable under recommended storage and handling conditions (see section 7).
<b>Incompatibility with various substances</b>	: Reactive with oxidizing agents, acids.
<b>Hazardous Decomposition Products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
<b>Hazardous polymerization</b>	: Will not occur.

## Section 11. Toxicological information

<b>Chronic effects on humans</b>	: : <b>CARCINOGENIC EFFECTS:</b> Classified A4 (Not classifiable for humans or animals.) by ACGIH [n-butyl acetate]. Contains material which causes damage to the following organs: upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.
<b>Other toxic effects on humans</b>	: Hazardous by the following route of exposure: of skin contact (irritant), of eye contact (irritant).
<b>Special remarks on toxicity to animals</b>	: Not available.
<b>Special remarks on chronic effects on humans</b>	: Not available.
<b>Special remarks on other toxic effects on humans</b>	: Not available.
<b>Specific effects</b>	
<b>Carcinogenic effects</b>	: No known significant effects or critical hazards.
<b>Mutagenic effects</b>	: No known significant effects or critical hazards.
<b>Reproduction toxicity</b>	: No known significant effects or critical hazards.

## Section 12. Ecological information

n-butyl acetate	Pimephales promelas (EC50)	48 hour(s)	19 mg/l
	Pimephales promelas (LC50)	96 hour(s)	18 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	100 mg/l

**BOD and COD** : Not available.

**Biodegradable/OECD** : Not available.

**Mobility** : Not available.

**Products of degradation** : Products of degradation: carbon oxides (CO, CO<sub>2</sub>) and water.

**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. Do not puncture or incinerate container.


**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
<b>DOT Classification</b>	1950	"dangerous goods in limited quantities of class 2" UN 1950, PG III Aerosol. Marine pollutant	2.1	III		<b>Marine pollutant</b> Marine pollutant (P)  <b>Limited quantity</b> Yes.  <b>Remarks</b> Limited Quantity
<b>TDG Classification</b>	1950	"dangerous goods in limited quantities of class 2" UN 1950, PG III Aerosol. Marine pollutant	2.1	III		<b>Marine pollutant</b> Marine pollutant (P)  <b>Remarks</b> Limited Quantity
<b>ADR/RID Class</b>	1950	UN 1950, "dangerous goods in limited quantities of class 2", III, Aerosol, ADR (Naphtha (petroleum), hydrotreated light)	2.1	III		<b>Hazard identification number</b> None  <b>Reportable quantity</b> 30  <b>Remarks</b> Dangerous goods in limited quantities
<b>IMDG Class</b>	1950	"dangerous goods in limited quantities of class 2" UN 1950, PG III, Aerosol (Naphtha (petroleum), hydrotreated light). Marine pollutant	2.1	III		<b>Emergency schedules (EmS)</b> F-D, S-U  <b>Marine pollutant</b> Marine pollutant (P)

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						<b>Reportable quantity</b> 30  <b>Remarks</b> Dangerous goods in limited quantities
<b>IATA-DGR Class</b>	1950	"dangerous goods in limited quantities of class 2" UN 1950, PG III, Aerosol (Naphtha (petroleum), hydrotreated light)	2.2	III		-

**Section 15. Regulatory information**

**WHMIS (Canada)** : Class B-1: Flammable gas.  
**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** :  
**DSCL (EEC)** : R12- Extremely flammable.  
 R38- Irritating to skin.  
 R66- Repeated exposure may cause skin dryness or cracking.  
 R67- Vapors may cause drowsiness and dizziness.  
 R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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** : FLAMMABLE.

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

Health	*	1
Fire hazard		4
Reactivity		0
Personal protection		C

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



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

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