



This safety data sheet is prepared in accordance with EU directive 91/155/EC amended by Directive 2001/58/EC



SAFETY DATA SHEET

Water, oil, grease & dirt repellent for textiles

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

Identification of the substance or preparation

Product name : Water, oil, grease & dirt repellent for textiles
Product use : Protects your valuable textiles effectively and easily

Company/undertaking identification

Manufacturer : HG International b.v. **Telephone No.:** : +31 (0)36 54 94 700
Address : Damsluisweg 70 **Fax** : +31 (0)36 54 94 744
1332 EJ Almere **Internet:** : www.hginternational.com
Country : Netherlands
Importer : HG UK
Address : Unit 11 Grange Way Business Park Whitehall Road Industrial Estate
Uk Colchester Essex CO2 8HF
Telephone No.: : +44.1206.795.200
Fax : +44.1206.795.201
Country : United Kingdom (UK)

2. Composition/information on ingredients

Substance/preparation : Preparation

Ingredient name	CAS number	EC Number	%	Classification
United Kingdom (UK) Naphtha (petroleum), hydrotreated light	64742-49-0	265-151-9	30 - 100	F; 11 Xn; 65 Xi; 38 67 N; 51/53
n-butyl acetate	123-86-4	204-658-1	1 - 5	10 66, 67

See section 16 for the full text of the R Phrases declared above

* Occupational Exposure Limit(s), if available, are listed in Section 8

3. Hazards identification

The substance is classified as dangerous according to Directive 67/548/EEC and its amendments.

Classification : F+; R12
Xi; R38
R66, R67
N; R51/53

Physical/chemical hazards : Extremely flammable.

Human health hazards : Irritating to skin.
Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

Environmental hazards : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

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Additional Hazards : Pressurised container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use.

See section 11 for more detailed information on health effects and symptoms.

4. First aid measures

First aid measures

- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
- Skin Contact** : In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention immediately.
- Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.
- Notes to physician** : Not available.
- Specific treatments** : Not available.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media** : Use foam or all-purpose dry chemicals to extinguish. This material is toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
- Special exposure hazards** : Extremely flammable liquid and vapour. Vapour may cause flash fire. Vapours may accumulate in low or confined areas, travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
Not available.
- Hazardous thermal decomposition products** : carbon oxides (CO, CO₂)
- Special protective equipment for fire-fighters** : Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.
- Remark** : No additional remark.

6. Accidental release measures

- Personal Precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5). Do not touch or walk through spilled material.
- Environmental precautions** : Minimize contact of spilled material with soils to prevent runoff to surface waterways. See Section 13 for Waste Disposal Information.
- 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) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate 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.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

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7. Handling and storage

- Handling** : Avoid contact with skin and clothing. Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Avoid contact of spilled material and runoff with soil and surface waterways. Wash thoroughly after handling.
- Storage** : Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

8. Exposure controls/personal protection

Exposure limit values :

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
<u>United Kingdom (UK)</u> n-butyl acetate	EH40-WEL (United Kingdom (UK), 1/2005). STEL: 966 mg/m ³ 15 minute(s). Form: All forms STEL: 200 ppm 15 minute(s). Form: All forms TWA: 724 mg/m ³ 8 hour(s). Form: All forms TWA: 150 ppm 8 hour(s). Form: All forms

Exposure controls

- Occupational exposure controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
- Respiratory protection** : Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s).
- Hand protection** : Gloves. nitrile rubber Permeation time >= 8 hours: (5 mm)
- Eye protection** : splash goggles
- Skin protection** : Work uniform or laboratory coat.

9. Physical and chemical properties

General information

- Appearance**
- Physical state** : Aerosol.
- Colour** : Clear. Colourless.
- Odour** : Characteristic.

Important health, safety and environmental information

- pH** : Not applicable.
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: Between -18°C (0°F) and 23°C (73°F). (Pensky-Martens.)
- Flammability (solid, gas)** : Not applicable.
- Explosive properties** : Risks of explosion of the product in presence of static discharge: Not available.

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Explosion Limits	: Lower: 0.8% Upper: 10%
Oxidising properties	: Not applicable.
Relative density	: 0.66 g/cm ³ (20°C / 68°F)
Solubility	: Very slightly soluble in cold water, hot water.
Other information	
Auto-ignition temperature	: The lowest known value is 392°C (737.6°F) (Naphtha (petroleum), hydrotreated light).

10. Stability and reactivity

Stability	: The product is stable.
Conditions to Avoid	: Stable under recommended storage and handling conditions (see section 7). Keep away from heat, sparks and flame.
Materials to avoid	: Reactive with oxidising agents, acids.
Hazardous Decomposition Products	: carbon oxides (CO, CO ₂)

11. Toxicological information

Potential acute health effects

Inhalation	: Practically non-toxic by inhalation.
Ingestion	: No known significant effects or critical hazards.
Skin Contact	: Irritating to skin.
Eye contact	: May cause eye irritation.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
n-butyl acetate	LD50	10770 mg/kg	Oral	Rat
	LD50	3200 mg/kg	Oral	Rabbit
	LD50	4300 mg/kg	Oral	Mammal
	LD50	>17600 mg/kg	Dermal	Rabbit
	LD50	>17600 mg/kg	Dermal	Rabbit

Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation	: No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.
Skin	: No known significant effects or critical hazards.
Target organs	: Contains material which causes damage to the following organs: upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.
Other adverse effects	: Not available.

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12. Ecological information

Ecotoxicity data

Ingredient name

n-butyl acetate

Species

Pimephales promelas (EC50)

Pimephales promelas (LC50)

Lepomis macrochirus (LC50)

Period

48 hour(s)

96 hour(s)

96 hour(s)

Result

19 mg/l

18 mg/l

100 mg/l

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Other adverse effects

13. Disposal considerations

Methods of disposal

: 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 classification

: Not applicable.




: Not available.

Hazardous waste

: The classification of the product may meet the criteria for a hazardous waste

14. Transport information

International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional Information
ADR/RID Class	1950	UN 1950, "dangerous goods in limited quantities of class 2", III, Aerosol, ADR (Naphtha (petroleum), hydrotreated light)	2.1	III		Hazard identification number None Reportable quantity 30 Remarks Dangerous goods in limited quantities
ADN Class	1950	UN 1950 "dangerous goods in limited quantities of class 2", III, Aerosol, ADN (Naphtha (petroleum), hydrotreated light)	2.1	III		RQ (Reportable quantity) ADN 30 Remarks Dangerous goods in limited quantities
IMDG Class	1950	"dangerous goods in limited quantities of class 2" UN 1950, Aerosol (Naphtha (petroleum), hydrotreated light). Marine pollutant	2.1	III		Emergency schedules (EmS) F-D, S-U Marine pollutant Marine pollutant (P)

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						Reportable quantity 30 Remarks Dangerous goods in limited quantities
IATA-DGR Class	1950	"dangerous goods in limited quantities of class 2" UN 1950, Aerosol (Naphtha (petroleum), hydrotreated light)	2.1	III		-

15. Regulatory information

EU Regulations

Hazard symbol(s) :



Extremely flammable, Irritant, Dangerous for the environment.

Risk Phrases :

- R12- Extremely flammable.
- R38- Irritating to skin.
- R66- Repeated exposure may cause skin dryness or cracking.
- R67- Vapours may cause drowsiness and dizziness.
- R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases :

- S2- Keep out of the reach of children.
- S16- Keep away from sources of ignition - No smoking.
- S23- Do not breathe aerosol.
- S24/25- Avoid contact with skin and eyes.
- S46- If swallowed, seek medical advice immediately and show this container or label.
- S51- Use only in well-ventilated areas.

Other EU regulations :

Not available.

Product use :

- Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.
- Consumer applications.

Other EU regulations

Additional warning phrases :

- Pressurised container: protect from sunlight and do not expose to temperature exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition. - Do not smoke.

Tactile warning of danger :

Yes, applicable.

EC Statistical classification (Tariff Code) :

32089091

Ingredients identification information :

30% and more: aliphatic hydrocarbons.

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16. Other information

- Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK)** : R12- Extremely flammable.
R11- Highly flammable.
R10- Flammable.
R65- Harmful: may cause lung damage if swallowed.
R38- Irritating to skin.
R66- Repeated exposure may cause skin dryness or cracking.
R67- Vapours may cause drowsiness and dizziness.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK)** : F+ - Extremely flammable
F - Highly flammable
Xn - Harmful
Xi - Irritant
N - Dangerous for the environment.

History

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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.*

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