



Material Safety Data Sheet



Paint (preparation) super cleaner

Section 1. Chemical product and company identification

Manufacturer : HG International b.v. **Code** : 309100164
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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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
Water	7732-18-5	75 - 100	Not available.
benzenesulfonic acid, c10-16-alkyl derivs.	68584-22-5	1 - 5	Not available.
alcohols, c11-14-iso-, c13-rich, ethoxylated	78330-21-9	1 - 5	Not available.
propan-2-ol	67-63-0	1 - 5	Not available.
poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c12-14-alkyl ethers, sodium salts	68891-38-3	1 - 5	Not available.
diphosphoric acid, tetrapotassium salt	7320-34-5	1 - 5	Not available.
benzene, (1-methylethyl)-, monosulfo deriv., sodium salt	32073-22-6	0 - 1	Not available.
Sodium hydroxide	1310-73-2	0 - 1	Not available.
castor oil, hydrogenated, ethoxylated	61788-85-0	0 - 1	Not available.
Perfume ingredient.		0 - 1	Not available.
ferrate(3-), tris[5,6-dihydro-5-(hydroxyimino)-6-oxo-2-naphthalenesulfonato(2-)-n5,o6]-, trisodium	19381-50-1	0 - 0.01	Not available.

Section 3. Hazards identification

Physical State and Appearance : Liquid.

Emergency overview : Warning
Flammable liquid
Do not ingest. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Risk of cancer depends on duration and level of exposure.

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

Potential acute health effects

Eyes : May cause eye irritation.
Skin : Can cause irritation.
Inhalation : Can cause irritation.
Ingestion : Harmful if swallowed. Can cause irritation.

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Potential chronic health effects : **CARCINOGENIC EFFECTS:** Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [propan-2-ol].
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 : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

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.

Notes to Physician : Not available.

Section 5. Fire fighting measures

Flammability of the product : Combustible.

Auto-ignition Temperature : Lowest known value: >200°C (392°F) (alcohols, c11-14-iso-, c13-rich, ethoxylated).

Flash Points : Closed cup: Between 61°C (142°F) and 93.3°C (200°F). (Pensky-Martens.)

Flammable limits : Not available.

Products of combustion : Decomposition products may include the following materials: carbon oxides (CO, CO₂), sulfur oxides (SO₂, SO₃...), phosphates. Some metallic oxides.

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 chemicals, or CO₂.
Combustible liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. 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 facepiece operated in positive pressure mode.

Special remarks on fire hazards : No additional remark.

Special remarks on explosion hazards : Not available.

Section 6. Accidental release measures

Personal precautions : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Do not touch or walk through spilled material.

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) 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.

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Section 7. Handling and storage

- Handling** : Do not ingest. 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 grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling. Keep out of the reach of children.
- 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).

Section 8. Exposure Controls, Personal Protection

- Engineering controls** : No special ventilation requirements.

Personal protection

- Eyes** : splash goggles
- Skin** : lab 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 or gauntlets 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 sufficient; consult a specialist BEFORE handling this product.

Product Name

propan-2-ol

Exposure limits

Not available.

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

- Physical State and Appearance** : Liquid.
- Color** : Colorless.
- Odor** : Fragrance-like. [Slight]
- pH** : 9.3 (Conc. (% w/w): 100) [Basic.]
- Relative density** : 1.03 g/cm³ (20°C / 68°F)
- Viscosity** : Dynamic: Highest known value: 157 cP (alcohols, c11-14-iso-, c13-rich, ethoxylated)
- Solubility** : Easily soluble in the following materials: cold water, hot water, diethyl ether, acetone.
- Flash point** : Closed cup: Between 61°C (142°F) and 93.3°C (200°F). (Pensky-Martens.)
- 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). Do not mix with [***]. acids .
- Incompatibility with various substances** : Extremely reactive or incompatible with oxidizing agents, metals.
Reactive with alkalis.
- Hazardous Decomposition Products** : Not available.
- Hazardous polymerization** : Not available.

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Section 11. Toxicological information

benzenesulfonic acid, c10-16-alkyl derivs.	LD50	1150 mg/kg	Oral	Rat
alcohols, c11-14-iso-, c13-rich, ethoxylated	LD50	200 to 2000 mg/kg	Oral	Rat
propan-2-ol	LD50	5045 mg/kg	Oral	Rat
	LD50	6410 mg/kg	Oral	Rabbit
	LD50	3600 mg/kg	Oral	Mouse
	LD50	12800 mg/kg	Dermal	Rabbit
	LD50	12800 mg/kg	Dermal	Rabbit
	LDLo	1537 mg/kg	Oral	Dog
	LDLo	3570 mg/kg	Oral	human
Sodium hydroxide ferrate(3-), tris[5,6-dihydro-5-(hydroxyimino)-6-oxo-2-naphthalenesulfonato(2-)-n5,o6]-, trisodium	LDLo	500 mg/kg	Oral	Rabbit
	LD50	>5000 mg/kg	Oral	Rat
benzene, (1-methylethyl)-, monosulfo deriv., sodium salt	LD50	>7000 mg/kg	Oral	Rat
diphosphoric acid, tetrapotassium salt	LD50	>2000 mg/kg	Oral	Rat
	LD50	>4640 mg/kg	Dermal	Rabbit
	LDLo	4640 mg/kg	Oral	Rat

Chronic effects on humans : **CARCINOGENIC EFFECTS:** Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [propan-2-ol].
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 : Hazardous by the following route of exposure: of skin contact (irritant), of eye contact (irritant).

Special remarks on toxicity to animals : Very low toxicity for humans or animals. (alcohols, c11-14-iso-, c13-rich, ethoxylated)

Special remarks on chronic effects on humans : Not available.

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

Specific effects

Carcinogenic effects : Contains material which may cause cancer based on animal data. Risk of cancer depends on duration and level of exposure.

Mutagenic effects : No known significant effects or critical hazards.

Reproduction toxicity : No known significant effects or critical hazards.

Section 12. Ecological information

benzenesulfonic acid, c10-16-alkyl derivs.	Aquatic Invertebrates. (EC50)	48 hour(s)	1 to 10 mg/l
	Fauna (EC50)	72 hour(s)	10 to 100 mg/l
	Brachydanio Rerio (LC50)	96 hour(s)	1 to 10 mg/l
alcohols, c11-14-iso-, c13-rich, ethoxylated	Flora (EC50)	72 hour(s)	1 to 10 mg/l
	LEUCISCUS IDUS (LC50)	96 hour(s)	1 to 10 mg/l
	Aquatic Invertebrates. (LC50)	48 hour(s)	1 to 10 mg/l
propan-2-ol	Pimephales promelas (EC50)	48 hour(s)	10000 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	>1400 mg/l
	Pimephales promelas (LC50)	96 hour(s)	6550 mg/l
	Pimephales promelas (LC50)	96 hour(s)	9640 mg/l
	Pimephales promelas (LC50)	96 hour(s)	10400 mg/l
	Pimephales promelas (LC50)	96 hour(s)	11130 mg/l
diphosphoric acid, tetrapotassium salt ferrate(3-), tris[5,6-dihydro-5-(hydroxyimino)-6-oxo-2-	Fish (LC50)	48 hour(s)	>750 mg/l
	Fish (LC50)	96 hour(s)	>100 mg/l

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naphthalenesulfonato(2-)-n5,o6]-, trisodium

- BOD and COD** : Not available.
- Biodegradable/OECD** : Biodegradable
- Mobility** : Not available.
- Products of degradation** : Decomposition products may include the following materials: carbon oxides (CO, CO₂) and water, sulfur oxides (SO₂, SO₃...), phosphates. Some metallic oxides.
- Toxicity of the products of biodegradation** : The products of degradation are less toxic than the product itself.
- Special remarks on the products of biodegradation** : Not available.


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	1993	"dangerous goods in limited quantities of class 3" UN 1993, PG III (propan-2-ol)	Combustible liquid.	III		Limited quantity Yes. Remarks Limited quantity for 1 litre package
TDG Classification	1993	"dangerous goods in limited quantities of class 3" UN 1993, PG III (propan-2-ol)	3	III		Remarks Limited quantity for 1 litre package
ADR/RID Class	1993	UN 1993, "dangerous goods in limited quantities of class 3", III, ADR (propan-2-ol)	3	III		Hazard identification number 30 Reportable quantity 45 Remarks Dangerous goods in limited quantities
IMDG Class	1993	"dangerous goods in limited quantities of class 3" UN 1993, PG III, (propan-2-ol)	3	III		Emergency schedules (EmS) F-E, S-E Reportable quantity 30 Remarks Dangerous goods in limited quantities

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IATA-DGR Class	1993	"dangerous goods in limited quantities of class 3" UN 1993, PG III, (propan-2-ol)	3	III		-
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Section 15. Regulatory information

WHMIS (Canada) : Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).
No products were found.

International regulations

EINECS : Not available.

DSCL (EEC) : R36- Irritating to eyes.

International lists :

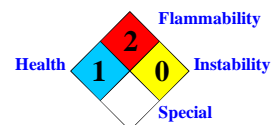
Section 16. Other information

Label Requirements : Flammable liquid

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

Health	1
Fire hazard	2
Reactivity	0
Personal protection	C

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



References : Not available.

Other special considerations : Not available.

Date of printing : 9-5-2011.

Date of issue : 9-5-2011.

Date of previous issue : No previous validation.

Version : 2.02

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