



# Material Safety Data Sheet




## Sticker remover

### Section 1. Chemical product and company identification

**Manufacturer** : HG International b.v. **Code** : 160030164  
**Address** : Damsluisweg 70 1332 EJ Almere **MSDS#** : 2.02  
**Country** : Netherlands **Validation date** : 9/13/2010.  
**Telephone No.:** : +31 (0)36 54 94 700 **Print date** : 9/13/2010.  
**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** : Consumer product.

 **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
Naphta (petroleum) low boiling	64742-95-6	30 - 60	Not available.
naphta unspecified			
1,2,4-Trimethylbenzene	95-63-6	15 - 30	Not available.
Mesitylene	108-67-8	5 - 15	Not available.
cumene	98-82-8	1 - 5	Not available.
poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-(9- octadecenylimino)di-2,1- ethanediyl]bis[.omega.-hydroxy-, (z)-	26635-93-8	1 - 5	Not available.
Xylene	1330-20-7	0 - 1	Not available.

### Section 3. Hazards identification

**Physical State and Appearance** : Liquid.

**Emergency overview** : No specific hazard.  
COMBUSTIBLE.  
Keep away from heat, sparks and flame.  
Keep out of the reach of children.  
Do not swallow.

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

**Potential acute health effects**

**Eyes** : Irritating to eyes.  
**Skin** : Irritating to skin.

**Inhalation** : Irritating to respiratory system.  
Vapors may cause drowsiness and dizziness.

**Ingestion** : Harmful if swallowed.

**Potential chronic health effects** : **CARCINOGENIC EFFECTS**: Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [Xylene].  
**MUTAGENIC EFFECTS**: Not available.  
**TERATOGENIC EFFECTS**: Not available.

**Medical conditions aggravated by overexposure:** : Repeated or prolonged exposure is not known to aggravate medical condition.

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**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** : Flammable.
- Auto-ignition Temperature** : 450°C (842°F)
- Flash Points** : Closed cup: 47°C (116,6°F) [Pensky-Martens.]
- Flammable limits** : Lower: 1%  
Upper: 6%
- Products of combustion** : Decomposition products may include the following materials:  
carbon 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 CO<sub>2</sub>.  
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** : Not available.
- 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** : 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** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- 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. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

### Product Name

Mesitylene  
cumene  
Xylene

### Exposure limits

Not available.  
Not available.  
Not available.

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

## Section 9. Physical and chemical properties

- Physical State and Appearance** : Liquid.
- Color** : Clear. Yellow. [Light]
- Odor** : Solvent.
- pH** : Not available.
- Relative density** : 0.878 g/cm<sup>3</sup> (20°C / 68°F)
- Viscosity** : Not available.
- Solubility** : Partially soluble in the following materials: methanol and acetone.  
Insoluble in the following materials: cold water and hot water.
- Flash point** : Closed cup: 47°C (116,6°F) [Pensky-Martens.]
- Explosive properties** : Not available.
- Explosion Limits** : Lower: 1%  
Upper: 6%
- Oxidizing properties** : Not applicable
- Physical chemical comments** : Solubility in other solvents: soluble

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## 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** : Extremely reactive or incompatible with the following materials: oxidizing materials.  
Reactive or incompatible with the following materials: acids.
- Hazardous Decomposition Products** : Not available.
- Hazardous polymerization** : Will not occur.

## Section 11. Toxicological information

cumene	LD50	1400 mg/kg	Oral	Rat
	LD50	12750 mg/kg	Oral	Mouse
Xylene	LD50	4300 mg/kg	Oral	Rat
	LD50	2119 mg/kg	Oral	Mouse
	LD50	4300 mg/kg	Oral	Mammal
	LD50	>1700 mg/kg	Dermal	Rabbit
	LD50	1700 mg/kg	Dermal	Rabbit
	LDLo	50 mg/kg	Oral	human

- Chronic effects on humans** :  
: **CARCINOGENIC EFFECTS:** Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [Xylene].  
Contains material which causes damage to the following organs: blood, 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 eye contact (irritant), of inhalation (lung irritant).
- 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** : 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

1,2,4-Trimethylbenzene Mesitylene	Pimephales promelas (LC50)	96 hour(s)	7.72 mg/l
	Scenedesmus subspicatus (EC50)	48 hour(s)	25 mg/l
	Scenedesmus subspicatus (EC50)	48 hour(s)	53 mg/l
cumene	Daphnia magna (EC50)	48 hour(s)	10.6 mg/l
	Daphnia magna (EC50)	48 hour(s)	11.2 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	2.7 mg/l
	Poecilia reticulata (LC50)	96 hour(s)	5.1 mg/l
	Pimephales promelas (LC50)	96 hour(s)	6.32 mg/l
Xylene	Oncorhynchus mykiss (LC50)	96 hour(s)	3.3 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	8.2 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	8.6 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	12 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	13.3 mg/l
	Pimephales promelas (LC50)	96 hour(s)	13.4 mg/l

- BOD and COD** : Not available.
- Biodegradable/OECD** : Not available.

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<b>Mobility</b>	: Not available.
<b>Products of degradation</b>	: Decomposition products may include the following materials: carbon oxides (CO, CO <sub>2</sub> ) and water, nitrogen oxides (NO, NO <sub>2</sub> ...).
<b>Toxicity of the products of biodegradation</b>	: The products of degradation are less toxic than the product itself.
<b>Special remarks on the products of biodegradation</b>	: 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
<b>DOT Classification</b>	3295	"dangerous goods in limited quantities of class 3" UN 3295, PG III (1,2,4-Trimethylbenzene). Marine pollutant (cumene)	3	III		<b>Marine pollutant</b> Marine pollutant (P)  <b>Limited quantity</b> Yes.  <b>Remarks</b> Limited Quantity
<b>TDG Classification</b>	3295	"dangerous goods in limited quantities of class 3" UN 3295, PG III (1,2,4-Trimethylbenzene). Marine pollutant	3	III		<b>Marine pollutant</b> Marine pollutant (P)  <b>Remarks</b> Limited Quantity
<b>ADR/RID Class</b>	3295	UN 3295, "dangerous goods in limited quantities of class 3", III, ADR (Solvent naphtha (petroleum), light arom.)	3	III		<b>Hazard identification number</b> 30  <b>Reportable quantity</b> 45  <b>Limited quantity</b> LQ7  <b>Remarks</b> Limited quantity for upto 5 litre inner packing
<b>IMDG Class</b>	3295	"dangerous goods in limited quantities of class 3" UN 3295, PG III, (Solvent naphtha (petroleum), light arom.). Marine pollutant (Solvent naphtha (petroleum), light arom.)	3	III		<b>Emergency schedules (EmS)</b> F-E,S-D  <b>Marine pollutant</b> Marine pollutant (P)  <b>Reportable quantity</b> 30  <b>Remarks</b> Limited quantity for upto 5 litre inner packing

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<b>IATA-DGR Class</b>	3295	"dangerous goods in limited quantities of class 3" UN 3295, PG III, (Solvent naphtha (petroleum), light arom.)	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)** : R10- Flammable.  
R65- Harmful: may cause lung damage if swallowed.  
R37- Irritating to respiratory system.  
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** :

## Section 16. Other information

**Label Requirements** : COMBUSTIBLE.

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

Health	2
Fire hazard	2
Reactivity	0
Personal protection	C

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



**References** : Not available.

**Other special considerations** : Not available.

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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.