



# Material Safety Data Sheet



## Natural stone colour intensifier for granite, blue stone and other natural stone types

### Section 1. Chemical product and company identification

**Manufacturer** : HG International b.v. **Code** : 4491000  
**Address** : Damsluisweg 70 1332 EJ Almere **MSDS#** : 2.02  
**Country** : Netherlands **Validation date** : 5/19/2010.  
**Telephone No.:** : +31 (0)36 54 94 700 **Print date** : 5/19/2010.  
**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
alkanes, c9-12-iso-	90622-57-4	30 - 100	Not available.
linseed oil		15 - 30	Not available.
tung oil	8001-20-5	15-30	Not available.
Perfume ingredient.		1-5	Not available.

### Section 3. Hazards identification

**Physical State and Appearance** : Liquid.

**Emergency overview** : CAUTION !  
COMBUSTIBLE LIQUID AND VAPOR.  
Combustible liquid. Keep away from heat, sparks and flame. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Use only with adequate ventilation.

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

#### Potential acute health effects

**Eyes** : May cause eye irritation.

**Skin** : May cause skin irritation.

**Inhalation** : No known significant effects or critical hazards.

**Ingestion** : No known significant effects or critical hazards.

**Potential chronic health effects** : **CARCINOGENIC EFFECTS:** Not available.  
**MUTAGENIC EFFECTS:** Not available.  
**TERATOGENIC EFFECTS:** Not available.

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

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

[See toxicological Information \(section 11\)](#)

Continued on next page

## **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. 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 adverse health effects persist or are severe. 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 if adverse health effects persist or are severe. 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** : COMBUSTIBLE.
- Auto-ignition Temperature** : Lowest known value: >200°C (392°F) (alkanes, c9-12-iso-).
- Flash Points** : Closed cup: 62°C (143.6°F). (Pensky-Martens.)
- Flammable limits** : Not applicable
- 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.  
Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
- 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** : Material supports combustion.
- 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. 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 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).

**Continued on next page**

**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 breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. 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. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Storage** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected 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. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. 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** : Recommended: Ventilation is normally required when handling or using this product. Wear appropriate respirator when ventilation is inadequate.

**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 sufficient; consult a specialist BEFORE handling this product.

### **Product Name**

tung oil  
linseed oil  
alkanes, c9-12-iso-  
Perfume ingredient.

### **Exposure limits**

Not available.  
Not available.  
Not available.  
Not available.

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

## Section 9. Physical and chemical properties

<b>Physical State and Appearance</b>	: Liquid.
<b>Color</b>	: Clear Yellow or brown. (Light.)
<b>Odor</b>	: Characteristic. (Slight.)
<b>pH</b>	: Not applicable.
<b>Relative density</b>	: 0.823 g/cm <sup>3</sup> (20°C / 68°F)
<b>Viscosity</b>	: Dynamic: 1000 cP Kinematic: 6 cSt
<b>Solubility</b>	: Insoluble in the following materials: cold water, hot water.
<b>Flash point</b>	: Closed cup: 62°C (143.6°F). (Pensky-Martens.)
<b>Explosive properties</b>	: Not available.
<b>Explosion Limits</b>	: Not applicable
<b>Oxidizing properties</b>	: Not applicable
<b>Physical chemical comments</b>	: Not available.

## Section 10. Stability and reactivity

<b>Stability and Reactivity</b>	: The product is stable.
<b>Conditions of instability</b>	: Stable under recommended storage and handling conditions (see section 7). Keep away from heat, sparks and flame.
<b>Incompatibility with various substances</b>	: Reactive with oxidizing agents.
<b>Hazardous Decomposition Products</b>	: carbon oxides (CO, CO <sub>2</sub> )
<b>Hazardous polymerization</b>	: Will not occur.

## Section 11. Toxicological information

alkanes, c9-12-iso-	LD50	>10000 mg/kg	Oral	Rat
	LD50	>3200 mg/kg	Dermal	Rabbit
	LD50	>3000 mg/kg	Dermal	Rabbit
<b>Chronic effects on humans</b>	:	Not available.		
<b>Other toxic effects on humans</b>	:	May cause skin sensitization.		
<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

alkanes, c9-12-iso- Fish (LC50) 96 hour(s) >100 mg/l

- BOD and COD** : Not known.
- Biodegradable/OECD** : Not available.
- Mobility** : Not available.
- Products of degradation** : Decomposition products may include the following materials: carbon oxides (CO, CO<sub>2</sub>) and water.
- Toxicity of the products of biodegradation** : Not known.
- Special remarks on the products of biodegradation** : No additional remark.






## 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

- 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 (alkanes, C9-C12, Iso, mixture), Marine pollutant	3	III		<b>Marine pollutant</b> <b>Marine pollutant (P)</b>
<b>TDG Classification</b>	3295	Dangerous goods in limited quantities of class 3, UN 3295, PG III, (alkanes, C9-C12, Iso, Mixture) Marine Pollutant	3	III		<b>Marine pollutant</b> <b>Marine pollutant (P)</b>
<b>ADR/RID Class</b>	3295	UN, "dangerous goods in limited quantities of class 3, III, ADR Mixture	3	III		<b>Hazard identification number</b> 30 <b>Limited quantity</b> LQ7
<b>IMDG Class</b>	3295	"dangerous goods in limited quantities of class 3" UN 3295, PG III, mixture. Marine pollutant (alkanes, c9-12-iso-)	3	III		<b>Emergency schedules (EmS)</b> F-E, S-D <b>Marine pollutant</b> Marine pollutant (P)
<b>IATA-DGR Class</b>	3295	"dangerous goods in limited quantities of class 3" UN 3295, PG III, mixture	3	-		-

**Continued on next page**

## Section 15. Regulatory information

**WHMIS (Canada)** : Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).  
No products were found.

### International regulations

**EINECS** : Not available.

**DSCL (EEC)** : R65- Harmful: may cause lung damage if swallowed.  
R66- Repeated exposure may cause skin dryness or cracking.  
R67- Vapors may cause drowsiness and dizziness.  
R53- May cause long-term adverse effects in the aquatic environment.

**International lists** : Not available.

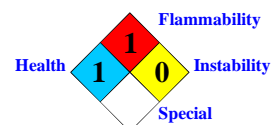
## Section 16. Other information

**Label Requirements** : COMBUSTIBLE LIQUID AND VAPOR.

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

Health	1
Fire hazard	1
Reactivity	0
Personal protection	B

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



**References** : Not available.

**Other special considerations** : Not available.

**Date of printing** : 5/19/2010.

**Date of issue** : 5/19/2010.

**Date of previous issue** : No previous validation.

**Version** : 2.02

### 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.