

# Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date: 12/29/2016

Revision: 12/29/2016

## 1 Identification

- **Product identifier**
- **Trade name:** TRUETONE COLOR INFUSED TUNG OIL – FROST
- **Product code:** TB 7005
- **Other means of identification:** TRUETONE – FROST
- **Recommended use and restriction on use**
- **Recommended use:** Wood stain
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Waterlox Coatings Corporation  
9808 Meech Avenue  
CLEVELAND, OH 44105  
(216) 641-4877
- **Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585

## 2 Hazard(s) identification

- **Classification of the substance or mixture**  
Flam. Liq. 3 H226 Flammable liquid and vapor.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
Carc. 2 H351 Suspected of causing cancer.  
STOT RE 1 H372 Causes damage to the central nervous system through prolonged or repeated exposure.  
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS02 GHS07 GHS08

- **Signal word:** Danger

- **Hazard statements:**

H226 Flammable liquid and vapor.  
H317 May cause an allergic skin reaction.  
H351 Suspected of causing cancer.  
H372 Causes damage to the central nervous system through prolonged or repeated exposure.  
H304 May be fatal if swallowed and enters airways.

- **Precautionary statements:**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.

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P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P260	Do not breathe mist/vapors/spray.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection.
P240	Ground/bond container and receiving equipment.
P233	Keep container tightly closed.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363	Wash contaminated clothing before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

8052-41-3	Stoddard solvent	10-20%
	 Flam. Liq. 3, H226  STOT RE 1, H372; Asp. Tox. 1, H304	
13463-67-7	titanium dioxide	5-10%
	 Carc. 2, H351	
64742-88-7	Solvent naphtha (petroleum), medium aliph.	5-10%
	 Flam. Liq. 3, H226  STOT RE 1, H372; Asp. Tox. 1, H304	
5989-27-5	d-limonene	<2.5%
	 Flam. Liq. 3, H226  Asp. Tox. 1, H304  Skin Irrit. 2, H315; Skin Sens. 1, H317  Eye Irrit. 2B, H320	
1332-58-7	Kaolin	<2.5%
112926-00-8	precipitated silica (silica - amorphous)	<2.5%

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21645-51-2	aluminium hydroxide	<2.5%
96-29-7	2-butanone oxime  Carc. 2, H351  Eye Dam. 1, H318  Acute Tox. 4, H312; Skin Sens. 1, H317 Flam. Liq. 4, H227	<1%
1333-86-4	carbon black  Carc. 2, H351	<1%

· **Additional information:**

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.  
 For the wording of the listed Hazard Statements refer to section 16.

## 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.  
 Provide oxygen treatment if affected person has difficulty breathing.  
 In case of irregular breathing or respiratory arrest provide artificial respiration.  
 In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Immediately remove any clothing soiled by the product.  
 Immediately wash with water and soap and rinse thoroughly.  
 If skin irritation is experienced, consult a doctor.

· **After eye contact:**

Remove contact lenses if worn.  
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.  
 Do not induce vomiting; immediately call for medical help.  
 A person vomiting while lying on their back should be turned onto their side.

· **Most important symptoms and effects, both acute and delayed:**

Headache  
 Breathing difficulty  
 Coughing  
 Dizziness  
 Allergic reactions  
 Cramp  
 Slight irritant effect on eyes.  
 Slight irritant effect on skin and mucous membranes.  
 Gastric or intestinal disorders when ingested.  
 Nausea in case of ingestion.  
 Unconsciousness

· **Danger:**

Danger of impaired breathing.  
 Danger of disturbed cardiac rhythm.  
 May cause cancer.  
 May be fatal if swallowed and enters airways.

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Causes damage to the central nervous system through prolonged or repeated exposure.

Vapours may cause drowsiness and dizziness.

· **Indication of any immediate medical attention and special treatment needed:**

If swallowed or in case of vomiting, danger of entering the lungs.

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Monitor circulation, possible shock treatment.

Later observation for pneumonia and pulmonary edema.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Contains (R)-p-mentha-1,8-diene, 2-butanone oxime. May produce an allergic reaction.

## 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Foam

Fire-extinguishing powder

Carbon dioxide

Gaseous extinguishing agents

Water fog / haze

· **For safety reasons unsuitable extinguishing agents:** Water stream.

· **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

· **Additional information:**

Eliminate all ignition sources if safe to do so.

Cool endangered containers with water fog.

## 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Protect from heat.

Particular danger of slipping on leaked/spilled product.

· **Environmental precautions**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

Prevent from spreading (e.g. by damming-in or oil barriers).

· **Methods and material for containment and cleaning up**

Allow to solidify. Pick up mechanically.

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

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Remove from the water surface (e.g. skim or suck off).  
Send for recovery or disposal in suitable receptacles.

- **Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and storage

- **Handling**

- **Precautions for safe handling:**

Prevent formation of aerosols. Use only in well ventilated areas. Avoid contact with the eyes and skin. Keep out of reach of children.

- **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.  
Flammable gas-air mixtures may be formed in empty containers/receptacles.

- **Conditions for safe storage, including any incompatibilities**

- **Storage**

- **Requirements to be met by storerooms and receptacles:**

Store in a cool location.  
Provide ventilation for receptacles.  
Avoid storage near extreme heat, ignition sources or open flame.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.  
Store away from oxidizing agents.

- **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.  
Keep containers tightly sealed.

- **Specific end use(s)** No relevant information available.

## 8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

**8052-41-3 Stoddard solvent**

PEL (USA)	Long-term value: 2900 mg/m <sup>3</sup> , 500 ppm
REL (USA)	Long-term value: 350 mg/m <sup>3</sup> Ceiling limit value: 1800* mg/m <sup>3</sup> *15-min
TLV (USA)	Long-term value: 525 mg/m <sup>3</sup> , 100 ppm

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EL (Canada) Short-term value: 580 mg/m<sup>3</sup>  
Long-term value: 290 mg/m<sup>3</sup>  
EV (Canada) Long-term value: 525 mg/m<sup>3</sup>  
LMPE (Mexico) Long-term value: 100 ppm

**13463-67-7 titanium dioxide**

PEL (USA) Long-term value: 15\* mg/m<sup>3</sup>  
\*total dust  
REL (USA) See Pocket Guide App. A  
TLV (USA) Long-term value: 10 mg/m<sup>3</sup>  
withdrawn from NIC  
EL (Canada) Long-term value: 10\* 3\*\* mg/m<sup>3</sup>  
\*total dust; \*\*respirable fraction; IARC 2B  
EV (Canada) Long-term value: 10 mg/m<sup>3</sup>  
total dust  
LMPE (Mexico) Long-term value: 10 mg/m<sup>3</sup>  
A4

**1332-58-7 Kaolin**

PEL (USA) Long-term value: 15\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction  
REL (USA) Long-term value: 10\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction  
TLV (USA) Long-term value: 2\* mg/m<sup>3</sup>  
E; as respirable fraction  
EL (Canada) Long-term value: 2 mg/m<sup>3</sup>  
EV (Canada) Long-term value: 2(D) mg/m<sup>3</sup>  
respirable  
LMPE (Mexico) Long-term value: 2\* mg/m<sup>3</sup>  
A4, \*fracción respirable

**112926-00-8 precipitated silica (silica - amorphous)**

PEL (USA) 20mppcf or 80mg/m<sup>3</sup> /%SiO<sub>2</sub>  
REL (USA) Long-term value: 6 mg/m<sup>3</sup>  
See Pocket Guide App. C  
TLV (USA) TLV withdrawn  
EL (Canada) Long-term value: 4\* 1.5\*\* mg/m<sup>3</sup>  
Precipitated and gel; \*total; \*\*respirable  
EV (Canada) Long-term value: 10 mg/m<sup>3</sup>  
LMPE (Mexico) Long-term value: 10 mg/m<sup>3</sup>

**21645-51-2 aluminium hydroxide**

REL (USA) Long-term value: 2 mg/m<sup>3</sup>  
as Al  
TLV (USA) Long-term value: 1\* mg/m<sup>3</sup>  
as Al; \*as respirable fraction  
EL (Canada) Long-term value: 10 mg/m<sup>3</sup>

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**96-29-7 2-butanone oxime**

WEEL (USA)	Long-term value: 10 ppm DSEN
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**1333-86-4 carbon black**

PEL (USA)	Long-term value: 3.5 mg/m <sup>3</sup>
REL (USA)	Long-term value: 3.5* mg/m <sup>3</sup> *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV (USA)	Long-term value: 3* mg/m <sup>3</sup> *inhalable fraction
EL (Canada)	Long-term value: 3 mg/m <sup>3</sup> IARC 2B
EV (Canada)	Long-term value: 3.5 mg/m <sup>3</sup>
LMPE (Mexico)	Long-term value: 3* mg/m <sup>3</sup> A3, *fracción inhalable

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

- **Engineering controls:** No relevant information available.

- **Breathing equipment:**

Not required under normal conditions of use.

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection may be advisable.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing

- **Limitation and supervision of exposure into the environment**

No relevant information available.

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## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · Appearance:

Form:	Liquid
Color:	Light grey
· Odor:	Petroleum-like
· Odor threshold:	Not determined.

· pH-value:	Not determined.
· Melting point/Melting range:	Not determined.
· Boiling point/Boiling range:	150 - 199 °C (302 - 390 °F)

· Flash point:	>38 °C (>100 °F)
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· Flammability (solid, gaseous):	Not applicable.
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· Auto-ignition temperature:	Not determined.
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· Decomposition temperature:	Not determined.
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· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
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#### · Explosion limits

Lower:	Not determined.
Upper:	Not determined.

· Vapor pressure:	>1 (Air=1)
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· Density:	
Relative density:	0.976
Vapor density:	Not determined.
Evaporation rate:	Not determined.

· Solubility in / Miscibility with Water:	Insoluble.
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· Partition coefficient (n-octanol/water):	Not determined.
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#### · Viscosity

Dynamic:	Not determined.
Kinematic:	Not determined.

VOC content:	247 g/L
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· Other information	No relevant information available.
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## 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:** Keep away from heat and direct sunlight.
- **Possibility of hazardous reactions**  
Flammable.

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Reacts with strong acids and oxidizing agents.  
 Toxic fumes may be released if heated above the decomposition point.  
 Used empty containers may contain product gases which form explosive mixtures with air.  
 Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.  
 Reacts with catalysts.

- **Conditions to avoid**

Keep ignition sources away - Do not smoke.  
 Store away from oxidizing agents.

- **Incompatible materials** Oxidizers

- **Hazardous decomposition products**

Carbon monoxide and carbon dioxide  
 Hydrocarbons

## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**64742-88-7 Solvent naphtha (petroleum), medium aliph.**

Oral LD50 >6500 mg/kg (rat)

Dermal LD50 >3000 mg/kg (rabbit)

Inhalative LC50/4h >14 mg/l (rat)

**5989-27-5 d-limonene**

Oral LD50 4400 mg/kg (rat)

**96-29-7 2-butanone oxime**

Oral LD50 3700 mg/kg (rat)

Dermal LD50 200-2000 mg/kg (rat)

Inhalative LC50/4h 20 mg/l (rat)

- **Primary irritant effect:**

- **On the skin:** Slight irritant effect on skin and mucous membranes.

- **On the eye:** Slight irritant effect on eyes.

- **Sensitization:** Sensitization possible through skin contact.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer):**

13463-67-7	titanium dioxide	2B
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1333-86-4	carbon black	2B
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91-20-3	naphthalene	2B
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100-41-4	ethylbenzene	2B
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- **NTP (National Toxicology Program):**

Present in trace quantities.

91-20-3	naphthalene	R
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· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

Ingestion.  
Inhalation.  
Eye contact.  
Skin contact.

· **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**

Carc. 2

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** May cause cancer.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:**  
Causes damage to the central nervous system through prolonged or repeated exposure.
- **Aspiration hazard:** May be fatal if swallowed and enters airways.

## 12 Ecological information

· **Toxicity**

- **Aquatic toxicity** Harmful to aquatic life with long lasting effects.
- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.

· **Ecotoxicological effects:**

· **Remark:**

Harmful to fish  
Due to mechanical actions of the product (e.g. agglutinations), damages may occur.

· **Additional ecological information**

- **General notes:** Do not allow product to reach ground water, water course or sewage system.
- **Other adverse effects** No relevant information available.

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

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- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.


## 14 Transport information

- **UN-Number**
- **DOT** Not regulated.  
Reclassified as combustible under US DOT regulations. Labeling is only required for single packages ≥119 US gal / 450 L to include Combustible symbol and Proper Shipping Name.
- **ADR, IMDG, IATA** UN1263

- **UN proper shipping name**
- **DOT** Not regulated.
- **ADR, IMDG** PAINT
- **IATA** Paint

- **Transport hazard class(es)**
- **DOT**
- **Class** Not regulated.

- **ADR**
- 
- **Class** 3 (F1) Flammable liquids
- **Label** 3

- **IMDG, IATA**
- 
- **Class** 3 Flammable liquids
- **Label** 3

- **Packing group**
- **DOT** Not regulated.
- **ADR, IMDG, IATA** III

- **Environmental hazards**
- **Marine pollutant:** No

- **Special precautions for user** Warning: Flammable liquids
- **Danger code (Kemler):** 30
- **EMS Number:** F-E,S-E

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- |  |   |
|--|---|
| <b>· Segregation groups</b>  | Liquid halogenated hydrocarbons   |
| <b>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>   | Not applicable.   |
| <b>· Transport/Additional information:</b>   |   |
| <b>· ADR</b>   |   |
|   | Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.            |
| <b>· IMDG</b>  |   |
|   | Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.            |
| <b>· IATA</b>  |   |
|  | Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each / 10 L net. |

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **United States (USA)**
  - **SARA**
- |  |                                     |
|--|-------------------------------------|
| <b>· Section 302 (extremely hazardous substances):</b>   | None of the ingredients are listed. |
| <b>· Section 304 (emergency release notification):</b>   | None of the ingredients are listed. |
| <b>· Section 355 (extremely hazardous substances):</b>   | None of the ingredients are listed. |
| <b>· Section 313 (Specific toxic chemical listings):</b> | None of the ingredients are listed. |
| <b>· TSCA (Toxic Substances Control Act)</b>             | All ingredients are listed.         |
| <b>· Carcinogenic categories</b>                         |                                     |
| <b>· EPA (Environmental Protection Agency):</b>          | None of the ingredients are listed. |

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**· IARC (International Agency for Research on Cancer):**

13463-67-7	titanium dioxide	2B
1333-86-4	carbon black	2B
91-20-3	naphthalene	2B
100-41-4	ethylbenzene	2B

**· NIOSH-Ca (National Institute for Occupational Safety and Health):**

13463-67-7	titanium dioxide
1333-86-4	carbon black

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Date of preparation / last revision 12/29/2016 / -**

**· Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

LDLo: Lowest Lethal Dose Observed

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

Carc. 2: Carcinogenicity – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

**· Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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