

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 03/20/2018

Reviewed on 03/20/2018

* 1 Identification

- **Product Identifier**
- **Trade Name:** Rub 'n Restore™ Color I
- **Relevant identified uses of the substance or mixture and uses advised against:**
Water-based coating to restore or recolor leather or vinyl
- **Product Description:** Custom matched color
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
Rub 'n Restore, Inc.
PO Box 1149
42812 Hidden Mesa Lane
Paonia, CO 81428
www.rubnrestore.com
888-704-5571
- **Emergency telephone number:** 970-527-3359 - Catherine Barley

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements:**

- **GHS label elements**

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

- **Hazard pictograms:**



GHS07



GHS08

- **Signal word:** Warning

- **Hazard-determining components of labeling:**

Titanium Oxide

1,2,4-Trimethylbenzene

2-butoxyethanol

Solvent naphtha (petroleum), light aromatic

- **Hazard statements:**

H332 Harmful if inhaled.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

- **Precautionary statements:**

P201 Obtain special instructions before use.

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- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P312 Call a poison center/doctor if you feel unwell.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Unknown acute toxicity:**
6 % of the mixture consists of component(s) of unknown toxicity.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMS-ratings (scale 0 - 4)**



- **Hazard(s) not otherwise classified (HNOC):** None known

3 Composition/Information on Ingredients

- **Non-hazardous components:**

7732-18-5	Water, distilled water, deionized water	25-50%
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- **Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

- **Dangerous Components:**

CAS: 13463-97-7	Titanium Oxide ☠ Carc. 2, H351	25-50%
CAS: 7727-43-7 RTECS: CR 0600000	barium sulphate, natural	5-10%
CAS: 25322-68-3	Polyethylene Glycol	≤ 2.5%
CAS: 95-63-6 RTECS: DC3325000	1,2,4-Trimethylbenzene ⚠ Flam. Liq. 3, H226; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; ⚠ Skin Irrit. 2, H315; ⚠ Eye Irrit. 2A, H319; ⚠ STOT SE 3, H335	≤ 2.5%
CAS: 107-98-2 RTECS: UB 7700000	1-methoxy-2-propanol ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	≤ 2.5%
CAS: 111-90-0 RTECS: KK 8750000	Carbitol ⚠ Skin Irrit. 2, H315; ⚠ Flam. Liq. 4, H227; ⚠ Eye Irrit. 2B, H320	≤ 2.5%

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CAS: 64742-95-6	Solvent naphtha (petroleum), light aromatic ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H332	≤ 2.5%
CAS: 111-76-2 RTECS: KJ 8575000	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227	≤ 2.5%
CAS: 98-82-8 RTECS: GR 8575000	Cumene ⚠ Flam. Liq. 3, H226; ⚠ Carc. 2, H351; Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335	≤ 2.5%

Additional information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-Aid Measures**Description of first aid measures:****General information:**

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Generally the product does not irritate the skin.**After eye contact:**

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If swallowed and symptoms occur, consult a doctor.**Information for doctor:****Most important symptoms and effects, both acute and delayed:** No further relevant information available.**Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

*** 5 Fire-Fighting Measures****Extinguishing media:****Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: No further relevant information.**Special hazards arising from the substance or mixture:** No further relevant information available.**Advice for firefighters:****Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental Release Measures**Personal precautions, protective equipment and emergency procedures:** Not required.**Environmental precautions:** Do not allow to enter sewers/surface or ground water.**Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**
- **Components with occupational exposure limits:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

7727-43-7 barium sulphate, natural	
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	Long-term value: 5* mg/m ³ *inhalable fraction; E
25322-68-3 Polyethylene Glycol	
WEEL	Long-term value: 10 mg/m ³ (H); MW>200
95-63-6 1,2,4-Trimethylbenzene	
REL	Long-term value: 125 mg/m ³ , 25 ppm
TLV	Long-term value: 123 mg/m ³ , 25 ppm
107-98-2 1-methoxy-2-propanol	
REL	Short-term value: 540 mg/m ³ , 150 ppm Long-term value: 360 mg/m ³ , 100 ppm
TLV	Short-term value: 369 mg/m ³ , 100 ppm Long-term value: 184 mg/m ³ , 50 ppm
111-90-0 Carbitol	
WEEL	Long-term value: 25 ppm
111-76-2 2-butoxyethanol	
PEL	Long-term value: 240 mg/m ³ , 50 ppm Skin

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REL	Long-term value: 24 mg/m ³ , 5 ppm Skin
TLV	Long-term value: 97 mg/m ³ , 20 ppm BEI
98-82-8 Cumene	
PEL	Long-term value: 245 mg/m ³ , 50 ppm Skin
REL	Long-term value: 245 mg/m ³ , 50 ppm Skin
TLV	Long-term value: 246 mg/m ³ , 50 ppm
Ingredients with biological limit values:	
111-76-2 2-butoxyethanol	
BEI	200 mg/g creatinine urine end of shift Butoxyacetic acid with hydrolysis

· **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

· **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 and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required.

· **Protection of hands:**



Protective gloves

· **Penetration time of glove material:**

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

· **Eye protection:**



Safety glasses recommended.

9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

· **Form:**

Liquid

· **Color:**

Various colors

· **Odour:**

Odorless

· **Odor threshold:**

Not determined.

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- **pH-value:** Not applicable.
- **Change in condition**
 - **Melting point/Melting range:** Not determined.
 - **Boiling point/Boiling range:** 100 °C (212 °F)
- **Flash point:** None
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
- **Vapor pressure @ 20 °C (68 °F):** 23 hPa (17.3 mm Hg)
- **Density:**
 - **Relative density:** Not determined.
 - **Vapor density:** Not determined.
 - **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with:**
 - **Water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - **Dynamic:** Not determined.
 - **Kinematic:** Not determined.
- **Solvent content:**
 - **Organic solvents:** 6.1 %
 - **Water:** 45.6 %
 - **VOC content:** 6.2 %
 - **Solids content:** 44.0 %
- **Other information:** No further relevant information available.

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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Trade Name: Rub 'n Restore™ Color I**11 Toxicological Information**· **Information on toxicological effects:**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:**

13463-97-7 Titanium Oxide		
Dermal	LD50	>5,000 mg/kg (Rat)
Inhalative	LC50/4 h	6.82 mg/l (Rat)
25322-68-3 Polyethylene Glycol		
Oral	LD50	>5000 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (Rabbit)
95-63-6 1,2,4-Trimethylbenzene		
Oral	LD50	6000 mg/kg (Rat)
Inhalative	LC50/96 hours	3.359 mg/l (Trout)
	LC50/48 hrs	2.21 mg/l (Daphnia)
107-98-2 1-methoxy-2-propanol		
Oral	LD50	5660 mg/kg (Rat)
Dermal	LD50	13000 mg/kg (Rabbit)
Inhalative	LC50/96 hours	12732 mg/l (Trout)
	LC50/48 hrs	5744 mg/l (Daphnia)
111-90-0 Carbitol		
Oral	LD50	5500 mg/kg (Rat)
Dermal	LD50	8500 mg/kg (Rabbit)
64742-95-6 Solvent naphtha (petroleum), light aromatic		
Oral	LD50	>6800 mg/kg (Rat)
Dermal	LD50	>3400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (Rat)
111-76-2 2-butoxyethanol		
Oral	LD50	470 mg/kg (Rat)
Dermal	LD50	220 mg/kg (rab)
Inhalative	LC50/4 h	2174.91 mg/l (Rat)
14808-60-7 Quartz (SiO2)		
Oral	LD50	> 22500 mg/kg (Rat)
Inhalative	LC50/96 hours	1033 mg/l (Trout)
98-82-8 Cumene		
Oral	LD50	1400 mg/kg (Rat)
Dermal	LD50	12300 mg/kg (Rabbit)
Inhalative	LC50/4 h	24.7 mg/l (Mouse)
	LC50/96 hours	6.265 mg/l (Trout)
	LC50/48 hrs	3.202 mg/l (Daphnia)

· **Primary irritant effect:**· **On the skin:** No irritating effect.· **On the eye:** Irritating effect.

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Trade Name: Rub 'n Restore™ Color I**· Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful
Irritant

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

Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans
Group 4 - Probably not carcinogenic to humans

(a) Although IARC has classified titanium dioxide as possible carcinogenic to human (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products which titanium dioxide is bound to other materials, such as in cosmetics or in paints."

(b) OSHA does not regulate Titanium Dioxide as a carcinogen. However, under 29 CFR 1910.1200 the SDS must convey the fact that Titanium Dioxide is a potential carcinogen to rats.

111-76-2	2-butoxyethanol	3
13463-97-7	Titanium Oxide	2B
98-82-8	Cumene	2B

· NTP (National Toxicology Program):

14808-60-7	Quartz (SiO ₂)	K
98-82-8	Cumene	R

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

12 Ecological Information**· Toxicity:****· Aquatic toxicity:**

95-63-6 1,2,4-Trimethylbenzene	
EC50	3.084 mg/l (Green algae)
107-98-2 1-methoxy-2-propanol	
EC50	1654 mg/l (Green algae) (96 hr)
111-76-2 2-butoxyethanol	
EC50	1815 mg/l (Water flea)
14808-60-7 Quartz (SiO₂)	
EC50	218 mg/l (Green algae)
98-82-8 Cumene	
EC50	4.148 mg/l (Green algae)

· Persistence and degradability: No further relevant information available.

· Behavior in environmental systems:

· Bioaccumulative potential: No further relevant information available.

· Mobility in soil: No further relevant information available.

· Additional ecological information:

· General notes:

Do not allow product to reach ground water, water course or sewage system.

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Danger to drinking water if even small quantities leak into the ground.

· **Results of PBT and vPvB assessment:**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **Other adverse effects:** No further relevant information available.**13 Disposal Considerations**· **Waste treatment methods:**· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Observe all federal, state and local environmental regulations when disposing of this material.

· **Uncleaned packagings**· **Recommendation:** Disposal must be made according to official regulations.**14 Transport Information**· **UN-Number:**· **DOT, ADR/ADN, ADN, IMDG, IATA**

Non-Regulated Material

· **UN proper shipping name:**· **DOT, ADR/ADN, ADN, IMDG, IATA**

Non-Regulated Material

· **Transport hazard class(es):**· **DOT, ADR/ADN, ADN, IMDG, IATA**· **Class:**

Non-Regulated Material

· **Packing group:**· **DOT, ADR/ADN, IMDG, IATA**

Non-Regulated Material

· **Environmental hazards:**

Not applicable.

· **Special precautions for user:**

Not applicable.

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**

Not applicable.

· **UN "Model Regulation":**

Non-Regulated Material

15 Regulatory Information· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**· **SARA (Superfund Amendments and Reauthorization):**· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

7727-43-7 barium sulphate, natural

95-63-6 1,2,4-Trimethylbenzene

111-90-0 Carbitol

111-76-2 2-butoxyethanol

98-82-8 Cumene

107-21-1 Ethylene glycol

· **TSCA (Toxic Substances Control Act):**

7727-43-7 barium sulphate, natural

25322-68-3 Polyethylene Glycol

95-63-6 1,2,4-Trimethylbenzene

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107-98-2	1-methoxy-2-propanol
111-90-0	Carbitol
64742-95-6	Solvent naphtha (petroleum), light aromatic
111-76-2	2-butoxyethanol
14808-60-7	Quartz (SiO ₂)
98-82-8	Cumene
107-21-1	Ethylene glycol
7732-18-5	Water, distilled water, deionized water

· California Proposition 65:

· Chemicals known to cause cancer:

14808-60-7	Quartz (SiO ₂)
98-82-8	Cumene

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

· Chemicals known to cause developmental toxicity:

107-21-1	Ethylene glycol
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· New Jersey Right-to-Know List:

7727-43-7	barium sulphate, natural
25322-68-3	Polyethylene Glycol
95-63-6	1,2,4-Trimethylbenzene
107-98-2	1-methoxy-2-propanol
111-76-2	2-butoxyethanol
14808-60-7	Quartz (SiO ₂)
98-82-8	Cumene
107-21-1	Ethylene glycol

· New Jersey Special Hazardous Substance List:

107-98-2	1-methoxy-2-propanol	F3
111-76-2	2-butoxyethanol	CA, F2
14808-60-7	Quartz (SiO ₂)	CA
98-82-8	Cumene	F3, R1

· Pennsylvania Right-to-Know List:

7727-43-7	barium sulphate, natural
25322-68-3	Polyethylene Glycol
95-63-6	1,2,4-Trimethylbenzene
107-98-2	1-methoxy-2-propanol
111-76-2	2-butoxyethanol
14808-60-7	Quartz (SiO ₂)
98-82-8	Cumene
107-21-1	Ethylene glycol

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· Pennsylvania Special Hazardous Substance List:		
95-63-6	1,2,4-Trimethylbenzene	E
98-82-8	Cumene	E
107-21-1	Ethylene glycol	E

· **Carcinogenic categories:**

· EPA (Environmental Protection Agency):		
7727-43-7	barium sulphate, natural	D, CBD(inh), NL(oral)
111-76-2	2-butoxyethanol	NL
98-82-8	Cumene	D, CBD

· **TLV (Threshold Limit Value established by ACGIH):**

111-76-2	2-butoxyethanol	A3
14808-60-7	Quartz (SiO ₂)	A2
107-21-1	Ethylene glycol	A4

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

14808-60-7	Quartz (SiO ₂)
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· **GHS label elements**

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

· **Hazard pictograms:**



GHS07 GHS08

· **Signal word:** Warning

· **Hazard-determining components of labeling:**

Titanium Oxide
1,2,4-Trimethylbenzene
2-butoxyethanol
Solvent naphtha (petroleum), light aromatic

· **Hazard statements:**

H332 Harmful if inhaled.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.

· **Precautionary statements:**

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a poison center/doctor if you feel unwell.
P337+P313 If eye irritation persists: Get medical advice/attention.

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P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· National regulations:

None of the ingredients are listed.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**16 Other Information**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· Date of preparation / last revision: 03/20/2018 / 8**· Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
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 Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· * Data compared to the previous version altered.SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106