

## Safety Data Sheet (SDS)

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

Issue date 04/30/2016

Reviewed on 04/30/2016

### \* 1 Identification

- **Product Identifier**
- **Trade name:** Clear Prep+Finish™
- **Relevant identified uses of the substance or mixture and uses advised against:** Conditioner for leather
- **Product Description** Water-based conditioning primer and clear coat for leather and vinyl
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
 Rub 'n Restore, Inc.  
 42812 Hidden Mesa Lane  
 Paonia, CO 81428  
 www.rubnrestore.com
- **Emergency telephone number:** 970-424-8009 - 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    H302 Harmful if swallowed.  
 Skin Irrit. 2    H315 Causes skin irritation.  
 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:**  
 Ethylene Glycol Monobutyl Ether
- **Hazard statements:**  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H351 Suspected of causing cancer.
- **Precautionary statements:**  
 P280                      Wear protective gloves.  
 P280                      Wear eye protection / face protection.  
 P264                      Wash thoroughly after handling.  
 P270                      Do not eat, drink or smoke when using this product.  
 P201                      Obtain special instructions before use.

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P202	Do not handle until all safety precautions have been read and understood.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P321	Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

**Classification system:**
**NFPA ratings (scale 0 - 4)**

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

HEALTH	*1	Health = *1
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

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

### 3 Composition/Information on Ingredients

**Non-hazardous components:**

7732-18-5	Water, distilled water, deionized water	≥85%
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**Chemical characterization: Mixtures**
**Description:** Mixture of substances listed below with non-hazardous additions.

**Dangerous Components:**

CAS: 111-90-0 RTECS: KK 8750000	2-(2-ethoxyethoxy)ethanol ⚠ Skin Irrit. 2, H315; Flam. Liq. 4, H227; Eye Irrit. 2B, H320	2-12%
CAS: 64742-95-6	Solvent naphtha (petroleum), light aromatic ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304	2-12%
CAS: 111-76-2 RTECS: KJ 8575000	Ethylene Glycol Monobutyl Ether ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Flam. Liq. 4, H227	2-12%
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. 2, H319; STOT SE 3, H335	2-12%
CAS: 107-98-2 RTECS: UB 7700000	1-methoxy-2-propanol ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	2-12%
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%

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### 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; consult doctor in case of complaints.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation occurs, consult a doctor.
- **After eye contact:**  
Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Immediately call 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:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:**  
In case of fire, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, (dense) black smoke, aldehydes, organic acids.
- **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:**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Inform respective authorities in case of seepage into water course or sewage system.  
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.  
See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.

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Open and handle receptacle with care.

Prevent formation of aerosols.

- **Information about protection against explosions and fires:** Keep protective respiratory device available.
- **Conditions for safe storage, including any incompatibilities:**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool, dry place away from direct sunlight and sources of ignition.
- **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 remaining constituent has no known exposure limits.

**111-90-0 2-(2-ethoxyethoxy)ethanol**

WEEL Long-term value: 25 ppm

**111-76-2 Ethylene Glycol Monobutyl Ether**PEL Long-term value: 240 mg/m<sup>3</sup>, 50 ppm  
SkinREL Long-term value: 24 mg/m<sup>3</sup>, 5 ppm  
SkinTLV Long-term value: 97 mg/m<sup>3</sup>, 20 ppm  
BEI**95-63-6 1,2,4-Trimethylbenzene**REL Long-term value: 125 mg/m<sup>3</sup>, 25 ppmTLV Long-term value: 123 mg/m<sup>3</sup>, 25 ppm**107-98-2 1-methoxy-2-propanol**REL Short-term value: 540 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 360 mg/m<sup>3</sup>, 100 ppmTLV Short-term value: 369 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 184 mg/m<sup>3</sup>, 50 ppm**98-82-8 Cumene**PEL Long-term value: 245 mg/m<sup>3</sup>, 50 ppm  
SkinREL Long-term value: 245 mg/m<sup>3</sup>, 50 ppm  
SkinTLV Long-term value: 246 mg/m<sup>3</sup>, 50 ppm

- **Ingredients with biological limit values:**

**111-76-2 Ethylene Glycol Monobutyl Ether**

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BEI	200 mg/g creatinine urine end of shift Butoxyacetic acid with hydrolysis
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· **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.

Store protective clothing separately.

Avoid contact with the eyes and skin.

· **Breathing equipment:**



NIOSH/OSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits.

Not required.

· **Protection of hands:**



Protective gloves

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

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

· **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· **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:**



Tightly sealed goggles

### 9 Physical and Chemical Properties

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

· **General Information**

· **Appearance:**

· **Form:**

Liquid

· **Color:**

White

· **Odor:**

Characteristic

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- **Odor threshold:** Not determined.
- **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 determined.
- **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 mm Hg)
- **Density @ 20 °C (68 °F):** 0.988 g/cm<sup>3</sup> (8.245 lbs/gal)
- **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:** 15.3 %
  - **Water:** 84.4 %
  - **VOC content:** 15.6 %
- **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: Clear Prep+Finish™****11 Toxicological Information**· **Information on toxicological effects:**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****111-90-0 2-(2-ethoxyethoxy)ethanol**

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 Ethylene Glycol Monobutyl Ether**

Oral	LD50	470 mg/kg (rat)
Dermal	LD50	220 mg/kg (rab)
Inhalative	LC50/4 h	2174.91 mg/l (rat)

**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)

**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:** Irritant to skin and mucous membranes.· **On the eye:** Irritating effect.· **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):**

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- 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

111-76-2	Ethylene Glycol Monobutyl Ether	3
98-82-8	Cumene	2B
· <b>NTP (National Toxicology Program):</b>		
98-82-8	Cumene	R
· <b>OSHA-Ca (Occupational Safety &amp; Health Administration):</b>		
None of the ingredients are listed.		

**12 Ecological Information**· **Toxicity:**· **Aquatic toxicity:****111-76-2 Ethylene Glycol Monobutyl Ether**

EC50 1815 mg/l (Water flea)

**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)

**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.
- **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, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material

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**Trade name: Clear Prep+Finish™**

- **Transport hazard class(es):**
- **DOT, ADR, ADN, IMDG, IATA**
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR, 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):**

111-90-0	2-(2-ethoxyethoxy)ethanol
111-76-2	Ethylene Glycol Monobutyl Ether
95-63-6	1,2,4-Trimethylbenzene
98-82-8	Cumene
107-21-1	Ethylene glycol

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

All ingredients are listed or exempt from listing.

**California Proposition 65:****Chemicals known to cause cancer:**

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

**New Jersey Right-to-Know List:**

111-76-2	Ethylene Glycol Monobutyl Ether
95-63-6	1,2,4-Trimethylbenzene
107-98-2	1-methoxy-2-propanol
98-82-8	Cumene
107-21-1	Ethylene glycol

**New Jersey Special Hazardous Substance List:**

111-76-2	Ethylene Glycol Monobutyl Ether	CA, F2
107-98-2	1-methoxy-2-propanol	F3
98-82-8	Cumene	F3, R1

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<b>· Pennsylvania Right-to-Know List:</b>		
111-76-2	Ethylene Glycol Monobutyl Ether	
95-63-6	1,2,4-Trimethylbenzene	
107-98-2	1-methoxy-2-propanol	
98-82-8	Cumene	
107-21-1	Ethylene glycol	
<b>· Pennsylvania Special Hazardous Substance List:</b>		
95-63-6	1,2,4-Trimethylbenzene	E
98-82-8	Cumene	E
107-21-1	Ethylene glycol	E
<b>· Carcinogenic categories:</b>		
<b>· EPA (Environmental Protection Agency):</b>		
111-76-2	Ethylene Glycol Monobutyl Ether	NL
98-82-8	Cumene	D, CBD
<b>· TLV (Threshold Limit Value established by ACGIH):</b>		
111-76-2	Ethylene Glycol Monobutyl Ether	A3
107-21-1	Ethylene glycol	A4
<b>· NIOSH-Ca (National Institute for Occupational Safety and Health):</b>		
None of the ingredients are listed.		

**· 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:**

Ethylene Glycol Monobutyl Ether

**· Hazard statements:**

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H351 Suspected of causing cancer.

**· Precautionary statements:**

- P280           Wear protective gloves.
- P280           Wear eye protection / face protection.
- P264           Wash thoroughly after handling.
- P270           Do not eat, drink or smoke when using this product.
- P201           Obtain special instructions before use.
- P202           Do not handle until all safety precautions have been read and understood.
- P305+P351+P338   If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P301+P312        IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P321           Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).

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P308+P313	IF exposed or concerned: Get medical advice/attention.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P330	Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

**· National regulations:**

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

· **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:** 04/30/2016 / 3

**· 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)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
BEI: Biological Exposure Limit  
PBT: Persistent, Bioaccumulative and Toxic  
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. 2: Serious eye damage/eye 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  
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.**

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