

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Material name</b>	TBW Green 4X Concentrate
<b>Issue date</b>	10-10-2010
<b>Revision date</b>	05-26-2015
<b>Supersedes date</b>	10-10-2010
<b>CAS #</b>	Mixture
<b>Global Harmonizing Schedule</b>	HS3307.90.0000
<b>Product use</b>	To be diluted down for washing horses, cattle, dairy cows, sheep and all kind of farm animals.
<b>Manufacturer/Supplier</b>	Weaver Leather, LLC P.O. Box 68, Mt. Hope, Ohio 44660
<b>Emergency</b>	Emergency Telephone Number 800-255-3924

## 2. Hazards Identification

<b>Physical state</b>	Liquid.
<b>Appearance</b>	Green
<b>Emergency overview</b>	Health injuries are not known or expected under normal use.
<b>OSHA regulatory status</b>	This product is not hazardous according to OSHA 29CFR 1910.1200.

### Potential health effects

<b>Routes of exposure</b>	Eye contact. Inhalation.
<b>Eyes</b>	May cause eye irritation on direct contact.
<b>Skin</b>	Prolonged skin contact may cause irritation.
<b>Inhalation</b>	Inhalation of high concentrations may result in transient irritation and coughing.
<b>Ingestion</b>	Ingestion may cause irritation and malaise.
<b>Target organs</b>	Eyes. Skin. Respiratory system.
<b>Chronic effects</b>	Prolonged contact may cause dryness of the skin.
<b>Signs and symptoms</b>	Irritant effects. Irritation of eyes and mucous membranes.

### Potential environmental effects

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

## 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

<b>Composition comments</b>	Product Ingredients: nonionic surfactants, corn, soy, tall oil fatty acids and plant based fatty acids, organic alcohol and water.
-----------------------------	------------------------------------------------------------------------------------------------------------------------------------

## 4. First Aid Measures

### First aid procedures

#### Eye contact

Flush thoroughly with water. If irritation occurs, get medical assistance.

#### Skin contact

Wash with soap and water. Get medical attention if irritation develops and persists.

#### Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

#### Ingestion

Not expected to be harmful in amounts likely to be ingested by accident.

#### Notes to physician

Treat symptomatically.

#### General advice

Get medical attention if any discomfort develops.

## 5. Fire Fighting Measures

### Flammable properties

The product is non-combustible.

### Extinguishing media

#### Suitable extinguishing media

Dry chemical, foam, carbon dioxide.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

### Protection of firefighters

#### Specific hazards arising from the chemical

Thermal decomposition may produce smoke, oxides of carbon and lower molecular weight organic compounds whose composition have not been characterized.

#### Protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### Fire fighting equipment/instructions

Move containers from fire area if you can do it without risk. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out.

## 6. Accidental Release Measures

### Personal precautions

Ensure adequate ventilation. For personal protection, see section 8 of the SDS. In case of spills, beware of slippery floors and surfaces.

### Environmental precautions Methods for cleaning up

Prevent further leakage or spillage if safe to do so.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Absorb spillage with non-combustible, absorbent material. Wash area with soap and water.

### Other information

Clean up in accordance with all applicable regulations.

## 7. Handling and Storage

<b>Handling</b>	None
<b>Storage</b>	Store in a cool and well-ventilated place. Avoid low temperatures.

## 8. Exposure Controls / Personal Protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Engineering controls</b>	Provide adequate ventilation and minimize the risk of inhalation of vapors and mists.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	If risk of splashing, wear safety goggles or face shield.
<b>Skin protection</b>	Wear protective gloves. Rubber, neoprene or PVC gloves are recommended. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required. Seek advice from local supervisor.
<b>General hygiene</b>	Wash hands after handling. Handle in accordance with good industrial hygiene considerations and safety practice. Follow up on any medical surveillance requirements.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Green
<b>Physical state</b>	Liquid
<b>Form</b>	Viscous
<b>Color</b>	Green
<b>Odor</b>	Pear Fragrance
<b>Odor threshold</b>	Not available.
<b>pH</b>	10.8 - 11.2 range in concentrate form
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Boiling point</b>	214.4 °F (101.3 °C)
<b>Melting point/Freezing point</b>	32 °F (0 °C)
<b>Solubility (water)</b>	Complete.
<b>Specific gravity</b>	1.001
<b>Flash point</b>	> 200 °F (> 93.3 °C)
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</b>	174 g/l
<b>Bulk density</b>	Not applicable.
<b>Other data</b>	
<b>Explosive properties</b>	Not explosive.
<b>Flash point class</b>	Combustible III B
<b>Oxidizing properties</b>	Not oxidizing.

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable at normal conditions.
<b>Conditions to avoid</b>	High temperatures. Exposure to light. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon oxides. Nitrogen oxides.
<b>Possibility of hazardous reactions</b>	Hazardous reactions do not occur.

## 11. Toxicological Information

<b>Sensitization</b>	No test data available for the product.
<b>Acute effects</b>	May form vapors or oil mists during mechanical action or at elevated temperatures which may be irritating to respiratory tract.
<b>Local effects</b>	Contact with eyes may cause irritation.
<b>Chronic effects</b>	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
<b>Carcinogenicity</b>	Not classified by IARC, ACGIH, NTP or OSHA.
<b>Epidemiology</b>	No epidemiological data is available for this product.
<b>Mutagenicity</b>	There is no data to indicate that any component present at greater than 0.1% may present a risk.
<b>Reproductive effects</b>	Contains no ingredient listed as toxic to reproduction
<b>Further information</b>	No other specific acute or chronic health impact noted.

## 12. Ecological Information

<b>Ecotoxicity</b>	Oil spills are generally hazardous to the environment.
<b>Environmental effects unprofessional handling</b>	An environmental hazard cannot be excluded in the event of or disposal.
<b>Aquatic toxicity</b>	Not expected to be harmful to aquatic organisms.
<b>Persistence and degradability</b>	The product is readily biodegradable.
<b>Bioaccumulation / Accumulation</b>	Not available.
<b>Mobility in environmental media</b>	This product is miscible in water.

## 13. Disposal Considerations

<b>Waste codes</b>	Not regulated.
<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused</b>	Dispose of in accordance with local regulations. Follow all applicable MARPOL products requirements for disposal of waste, when transporting materials by vessel.

## 14. Transport Information

DOT	Not regulated as a hazardous material by DOT.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
TDG	Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

<b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>	Not regulated.
<b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List</b>	Not regulated.
<b>CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)</b>	None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance (40 CFR 355, Appendix A)** No

**Section 311/312 (40 CFR 370)** No

**Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)** Not controlled

**Canadian regulations of the CPR** This product has been classified in accordance with the hazard criteria and the SDS contains all the information required by the CPR.

**WHMIS status** Non-controlled

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Not listed.

**US. Massachusetts RTK - Substance List**

Not regulated.

**US. New Jersey Worker and Community Right-to-Know Act**

Not regulated.

**US. Pennsylvania RTK - Hazardous Substances**

Not regulated.

**Mexico regulations**

This safety data sheet was prepared in accordance with the Official Mexican Standard (NOM-018-STPS-2000).

**16. Other Information**

**Other information**

ACGIH: American Conference of Industrial Hygienists.  
IARC: International Agency for Research on Cancer.  
NTP: National Toxicology Program.  
OSHA: Occupational Safety and Health Administration.  
WHMIS: Workplace Hazardous Materials Information System.

**HMIS® ratings**

Health: 0  
Flammability: 0  
Physical hazard: 0

**NFPA ratings**

Health: 0  
Flammability: 0  
Instability: 0

**Note:** Under the new GHS rating system, the number 5 represents “Minimal Hazard” (see below)



**Disclaimer:** The information in the sheet was written based on the best knowledge and experience currently available.