



### Heavy Duty Roof Cleaner Plus

#### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Heavy Duty Roof Cleaner Plus  
**SDS Number:** 10327  
**Revision Date:** 11/5/2015  
**Product Use:** For most all roofing materials including permeable membrane  
**Supplier Details:** Winsol Laboratories Inc  
1417 NW 51st St  
Seattle, WA 98107  
**Emergency:** INFOTRAC 1-800-535-5053 (North America); 1-352-323-3500 (International)  
**Phone:** 206-782-5500  
**Web:** www.winsol.com

#### 2 HAZARDS IDENTIFICATION

##### Classification of the substance or mixture

###### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral  
Health, Skin corrosion/irritation, 3  
Health, Serious Eye Damage/Eye Irritation, 2 B  
Environmental, Hazards to the aquatic environment - Acute, 3  
Environmental, Hazards to the aquatic environment - Chronic, 4

##### GHS Label elements, including precautionary statements

**GHS Signal Word:** **WARNING**

###### GHS Hazard Pictograms:

no GHS pictograms indicated for this product

###### GHS Hazard Statements:

H303 - May be harmful if swallowed  
H316 - Causes mild skin irritation  
H320 - Causes eye irritation  
H402 - Harmful to aquatic life  
H413 - May cause long lasting harmful effects to aquatic life

###### GHS Precautionary Statements:

P102 - Keep out of reach of children.  
P103 - Read label before use.  
P281 - Use personal protective equipment as required.  
P301 - IF SWALLOWED: May cause gastrointestinal irritation.  
P302 - IF ON SKIN: Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.  
P304 - IF INHALED: Not considered dangerous.  
P305 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.



### Heavy Duty Roof Cleaner Plus

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

##### Ingredients:

Cas#	%	Chemical Name
60-00-4		Ethylenediamine-tetraacetic acid (EDTA)
0		Sodium Citrate
0		Ammonium Methyl sulfate
0		Fatty Alcohol Ethoxylate

"0" equals no Cas# available/trade secret

The exact percentage (or concentration) of ingredients has been withheld as a trade secret.

Composition Comments: Components and trace elements not listed are either non-hazardous or are below reportable limits.

#### 4 FIRST AID MEASURES

<b>Inhalation:</b>	Not considered dangerous.
<b>Skin Contact:</b>	Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.
<b>Eye Contact:</b>	Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.
<b>Ingestion:</b>	Swallowing may cause gastrointestinal irritation. If irritation persists consult medical personnel.

#### 5 FIRE FIGHTING MEASURES

<b>Flammability:</b>	Not flammable
<b>Flash Point:</b>	N/A
<b>LEL:</b>	N/A
<b>UEL:</b>	N/A

EXTINGUISHING MEDIA: Water

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with a full face piece operated in a pressure demand or other positive pressure mode.

#### 6 ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Absorb liquid on paper, vermiculite, floor absorbent or other absorbent material and transfer to labeled containers.

**LARGE SPILL:** Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Remaining liquid may be taken up on sand, clay, floor absorbent or other absorbent material and shoveled into labeled containers.

**WASTE DISPOSAL METHOD:** Review Federal, Provincial and Local Government requirements prior to disposal.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Exercise care and caution. Store in cool dry place.

**OTHER PRECAUTIONS:** Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid and/or solids), all hazard precautions given in the data sheet must be observed.

#### 7 HANDLING AND STORAGE

<b>Handling Precautions:</b>	Keep material out of reach of children.
<b>Storage Requirements:</b>	Store in cool/dry area.

#### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION



### Heavy Duty Roof Cleaner Plus

**Engineering Controls:** None

**Personal Protective Equipment:** HMIS PP, B | Safety Glasses, Gloves

**RESPIRATORY PROTECTION:** If TLV of the product or component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified condition.

**Ventilation:** Provide general or mechanical ventilation or local exhaust.

**PROTECTIVE GLOVES:** Use impermeable gloves to prevent skin contact. Use head caps, boots, chemical aprons when necessary.

**EYE PROTECTION:** Use safety eyewear designed to protect eyes against liquid splash and mists. Consult your safety equipment supplier.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Use protective clothing to prevent skin contact. Use head caps, boots, chemical aprons when necessary.

**WORK/HYGIENIC PRACTICES:** Eyewashes and safety showers in the workplace are recommended. Wash hands after using. Monitor exposure levels.

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### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear	<b>Odor:</b>	Mild cleaner
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	100% in water
<b>Odor Threshold:</b>	No data available	<b>Freezing/Melting Pt.:</b>	No data available
<b>Spec Grav./Density:</b>	1.04	<b>Flash Point:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Auto-Ignition Temp:</b>	No data available
<b>Flammability:</b>	None	<b>UFL/LFL:</b>	No data available
<b>Partition Coefficient:</b>	No data available		
<b>Vapor Pressure:</b>	No data available		
<b>pH:</b>	No data available		
<b>Evap. Rate:</b>	No data available		
<b>Decomp Temp:</b>	No data available		

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### STABILITY AND REACTIVITY

**Reactivity:** Product is stable under normal conditions.

**Chemical Stability:** Product is stable under normal conditions.

**Conditions to Avoid:** N/A

**Materials to Avoid:** Strong Oxidizing Agents, Acids.

**Hazardous Decomposition:** Not known.

**Hazardous Polymerization:** Will not occur.

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### TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity: no data available

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

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### ECOLOGICAL INFORMATION



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**Heavy Duty Roof Cleaner Plus**

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Information on ecological effects:

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

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**13 DISPOSAL CONSIDERATIONS**

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Waste Disposal Method: Review Federal, Provincial and Local Government requirements prior to disposal.

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**14 TRANSPORT INFORMATION**

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Non-hazardous.

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**15 REGULATORY INFORMATION**

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Component (CAS#) [%] - CODES

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RQ(5000LBS), Ethylenediamine-tetraacetic acid (EDTA) (60-00-4) CERCLA, CSWHS, HAP, MASS, PA, TSCA  
Sodium Citrate  
Ammonium Methyl Sulfate  
Fatty Alcohol Ethoxylate

SARA Title III chemicals: None

California Prop 65 chemicals: N/A

CERCLA reportable quantity: None

RCRA hazardous waste no: None

Regulatory CODE Descriptions

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RQ = Reportable Quantity  
CERCLA = Superfund clean up substance  
CSWHS = Clean Water Act Hazardous substances  
HAP = Hazardous Air Pollutants  
MASS = MA Massachusetts Hazardous Substances List  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act



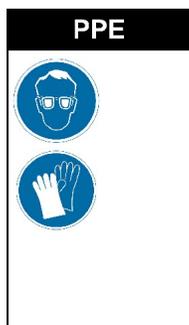
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#### 16 OTHER INFORMATION

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



HMIS Index: 1-slight , 2-moderate, 3-serious, 4-severe

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