



# SAFETY DATA SHEET ( SDS )

Date Revised : 01 / 19  
Supercedes : 02 / 15

**CRYSTAL ENCAPSULATING  
CARPET SPOT / STAIN REMOVER - RTU  
POLYMER TECHNOLOGY DISCOURAGES RE-SOILING**

**MADE FROM AN  
ENVIRONMENTALLY - CERTIFIED  
CONCENTRATE CLEANER**

## SECTION 1 : IDENTIFICATION OF SUBSTANCE / COMPANY

<p>PRODUCT NAME / IDENTIFIER :</p> <p>PRIMARY APPLICATION / RECOMMENDED USAGE :</p> <p>DISTRIBUTED EXCLUSIVELY BY :</p> <p>INFORMATION TELEPHONE :</p> <p>EMERGENCY TELEPHONE ( 24 hour ) :</p> <p>USAGE RESTRICTIONS :</p>	<p>“ CRYSTAL ENCAPSULATING CARPET SPOT / STAIN REMOVER ” – RTU :</p> <p>&lt; 2% Stabilized Hydrogen Peroxide Solution Peroxide Solution Carpet Mill Tested &amp; Approved . Effective against Protein – based Carpet Stains &amp; Odors . Contains a Food Polymer that encapsulates remaining residues or soils for vacuum removal – and reduces re-soiling . Just treat the stain , agitate with a brush , and blot with an absorbent , clean towel . Neutral pH for synthetic and natural fibers . Removes blood, coffee, food residues, soft drinks , tea, urine, wine, and most other common staining substances . Ready-To-Use formulation . HEALTHY CLEAN BUILDINGS 4 Wilmington Drive Melville, New York 11747 1-631-643-1882 CHEMTREC :1-800-424-9300 ( ref. : Core ) Refer to Product Label</p>
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## SECTION 2 : HAZARD(S) IDENTIFICATION

While this product is not considered hazardous , this SDS contains valuable information critical to the safe handling and proper use of the product . This SDS should be made available to users of this product . Prolonged or repeated skin contact in an occupational setting may result in irritation and in these situations, the use of chemical resistant gloves is recommended. This product is not regarded as a mutagen or carcinogen, and there is low concern for reproductive, developmental, or nervous system toxic effects.

### Classification of the substance or mixture ( GHS-US )

Skin Irritation- Category 2	H315
Eye Damage – Category 2A	H318
Skin Sensitizer- Category 1	H317

### Label Elements

#### Hazard Pictograms

( GHS-US Labeling )



Moderate Skin & Eye Irritant  
Respiratory Tract Irritant  
Skin Sensitizer

Signal Word :

Warning

Hazard Statements :

H315 – Causes Mild Skin Irritation as a water diluted product .  
H317 – May cause an allergic skin reaction .  
H318 – May cause serious eye irritation as a diluted product .



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**HAZARD ( S ) IDENTIFICATION ( continued )**

**Precautionary Statements** P261 – Avoid breathing dust / mist/ spray .  
P264 - Wash hands and forearms thoroughly after handling  
P280 – Wear Protective gloves / eye protection  
P302 + P352 – If on skin, wash with plenty of soap and water  
P305+P351+P338 – If in eyes, rinse cautiously with water for several minutes .  
If easy to do, remove contact lenses .Continue rinsing  
P337+P313 – If eye irritation persists , get medical advice/attention .  
P310 – Immediately call a poison center / doctor .  
P321 – Specific treatment ( see First Aid Measures on Product Label / SDS )  
P332+P313 – If skin irritation occurs, get medical advice / attention  
P333+P313 – If skin irritation or rash occurs, get medical advice / attention  
P362+P364 – Take off contaminated / soiled clothes and wash before reuse  
P501 – Dispose of contents / container in accordance with local / regional/ national / int'l regulations

**Other Hazards :** None

**Ingredients with Unknown Acute Toxicity :** Not Established

**SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS :**

**Chemical characterization :** Mixture

**Hazardous Components :**

<u>Ingredient :</u>	<u>CAS Number :</u>	<u>Percent :</u>	<u>OSHA / PEL :</u>	<u>ACGIH / TLV :</u>
Hydrogen Peroxide	7722-84-1	< 1%	1.4 mg/m3	1.4 mg/m3
Alcohol Ethoxylate	68131-39-5	< 1%	NE	NE
Orange Oil	8008-57-9	< 0.75 %	NE	NE

NOTE : Approximate percentages – Exact percentages and identities are withheld as trade secrets

**SECTION 4 : FIRST AID MEASURES**

**Description of Necessary Measures :**

**Relevant Routes of Exposure :** Skin Contact , Eye Contact , Ingestion

**After Skin Contact :** Wash with plenty of mild soap and water ; followed by a warm water rinse . Apply a topical antiseptic agent to open wounds or broken skin . Remove contaminated clothing and shoes . Launder soiled , contaminated clothing before reuse . If skin irritation or rash persists, seek medical attention ( P332+P313 ) .

**After Eye Contact :** Rinse cautiously with warm running water for 15 minutes , lifting upper and lower lids occasionally . If easy to do, remove contact lenses .Continue water rinsing . ( P 305+P351+P338 If eye irritation persists such as blinking , redness , or pain , seek medical attention . ( P337 + P313 ) .

**After Ingestion :** Do Not Induce vomiting unless advised by a physician or poison control center . If patient is fully conscious , continue to rinse mouth with water and drink 2-3 glasses of water .If adverse conditions persist , seek medical attention . Never give anything by mouth if victim is unconscious, rapidly losing consciousness , or is convulsing .Call a Poison Control Center / Doctor / Physician, if necessary ( P312 ) .

**After Inhalation :** Move to fresh air . Keep individual at rest in a position comfortable for breathing .Consult a doctor if adverse conditions persist ( P261 ) .

**Note to Physicians :** Treat symptomatically .

**ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE**

**Eyes :** May cause serious eye irritation, by direct product eye contact

**Skin :** May cause skin irritation, redness, drying, cracking, or allergic skin reaction .

**Inhalation-Spray mist** may cause mild irritation to respiratory tract .

**Ingestion –** May be harmful if swallowed . Minimum acute toxicity if swallowed





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**FIRST AID MEASURES ( continued )**

**CHRONIC SYMPTOMS OF SINGLE OVEREXPOSURE**

Eyes : May cause serious eye irritation, redness, tearing, or pain by direct product eye contact

Skin : May cause skin irritation, defatting ( white blotches ) , which may lead to dermatitis, or allergic skin reaction .

Inhalation-Spray mist may cause irritation to mucous membranes or respiratory tract .

Ingestion – May be harmful if swallowed . May cause irritation of the mouth, throat, and esophagus. Symptoms may include vomiting, abdominal pain, nausea, or diarrhea .

**SECTION 5 : FIRE FIGHTING MEASURES :**

**Suitable Extinguishing Media :** Water Fog, Alcohol Foam, Dry Chemical

**Unsuitable Extinguishing Media :** None

**Flammability :** Not Flammable ( Aqueous Solution )

**Hazardous Decomposition :** Burning or thermal decomposition can produce carbon monoxide, carbon dioxide, nitrogen oxides, and other toxic fumes .

**Reactive with :** Strong oxidizing agents, strong acids, powdered metals , zinc, iron, copper, nickel, brass

**Flashpoint ( °F, °C , PMCC ) :** > 212°F

**Special Protective Equipment for Fire Fighters :** Wear MSHA / NIOSH approved self-contained Respiratory Protective Device .  
Wear fully protective suit .

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**Warn personnel of spill . Ventilate area with fresh air . In case of unusual, excessive chemical fumes, use a respiratory protective device .**

**Exercise caution from slipping on leaked / spilled product .**

**Protective Equipment :** Chemical Safety Goggles, or Face Shield ; Chemically-resistant Gloves .Eye Wash Station . Operating Ventilating Fan

**Leak and Spill Procedure :** Collect excess product for disposal . Clean up remaining product from spill with appropriate liquid-binding absorbent ( ie : sand, diatomite , universal binders , sawdust ) . For large spills , provide diking or other containment measures to prevent spreading . If diked product can be pumped, store recovered product in compatible drums for recovery or disposal . Clean area with warm water several times to prevent any future slip hazards . Observe personal protective equipment recommendations .

**Environmental Precautions :** Make best efforts to prevent entry into sewers and public waters. Take extreme measures to prevent large quantities of product to reach ground water, water course, or sewage system . Dispose of waste according to Federal, State, or Local regulations .

**SECTION 7 : HANDLING & STORAGE REQUIREMENTS**

**KEEP OUT OF REACH OF CHILDREN**

**Precautions for Safe Handling :** Read product literature, label , and SDS before use . Use product strictly according to label directions . Keep away from incompatible materials . Use appropriate , discretionary safety equipment . Wash hands and other exposed areas with soap and water before eating, drinking, smoking; or when leaving work . Provide adequate ventilation in storage area to prevent formation of fumes . Avoid personal contamination, especially inhalation , after a spill .

**Hygiene Measures :** Wash hands and forearms thoroughly after handling . Launder soiled, contaminated clothing before re-use .

**Safe Storage Conditions :** Keep in original container in a cool , well-ventilated place away from open flames . Keep container closed when not in use . Triple rinse original container with water before discarding .

**Incompatible Products :** Caustic Alkalis or Caustic Acids

**Incompatible Circumstances :** Store away from incompatible materials . Keep away from sources of Ignition ( ie ; open flames ) and Direct sunlight .

Store above 4.4°C ( 40°F ) and below 49°C ( 120 ° F ) .



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**SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Health & Safety Accreditation :** Derived from a  NSF Accredited concentrate .  
This diluted, finished product used as per label directions is not considered to be a harmful in the workplace .

**Workplace Control Parameters :** Hydrogen Peroxide, Concentrate=35%, Aqueous Solution ( 7722-84-1 )

USA ACGIH TWA ( ppm ) ..... 1 ppm  
USA ACGIH STEL ( ppm ) ..... 1 ppm  
USA OSHA PEL ( TWA 8 ) ..... 1 ppm

**Engineering Controls :** Adequate general ventilation

**Personal Protective Equipment :** Avoid unnecessary exposure

**Respiratory Protection :** May not be required under normal conditions of use . Wear appropriate mask or respiratory protective device when misted or fogged . For unplanned spills, respiratory protection may be advisable .

**Skin / Hand Protection :** Wear chemical –resistant gloves ( ie : rubber, nitrile rubber, neoprene ) . For skin and body protection , usually no protective clothing is required under normal ,stable conditions . Under unusual, unstable conditions , wear appropriate protective clothing .

**Eye Protection :** Wear chemical goggles, safety glasses , or full face shield .

**Other Information :** DO NOT eat, drink, or smoke during use .

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State :</b> Liquid	<b>Color :</b> Clear - Amber	<b>Odor :</b> Citrus
<b>pH ( as is ) :</b> 6.0-6.5	<b>Relative Evaporation Rate ( butyl acetate=1 ) :</b> NA	<b>Melting Point :</b> Undetermined
<b>Freezing Point :</b> < 32 °F, < 0 °C	<b>Boiling Point :</b> >212 ° F	<b>Flashpoint :</b> ≥ 200 ° F
<b>Solubility in Water :</b> 100 % Miscible	<b>Evaporation Rate (Ethyl Ether=1) :</b> >1	<b>Flammability :</b> NA
<b>Explosive Limits :</b> Undetermined	<b>Vapor Pressure :</b> Undetermined	<b>Relative Density :</b> Undetermined
<b>Partition coefficient :</b> ( n-octanol/water ) Undetermined	<b>Auto-ignition Temperature :</b> Undetermined	<b>Decomposition Temp. :</b> Undetermined
<b>Specific Gravity ( Water = 1 ) :</b> @ 68 °F ( 20 °C ) : 1.07	<b>Volatiles :</b> < 98% <b>VOC :</b> 0.13% <b>LVP - VOC :</b> 0.0%	<b>Molecular Weight ( g/mol ) :</b> -- 21.07

**SECTION 10 : STABILITY AND REACTIVITY**

**Reactivity :** No Additional Information Available

**Chemical stability :** Stable under Normal Conditions . Stable when stored above 4.4 °C ( 40 °F ) and below 49 °C ( 120 ° F ) .

**Possibility of Hazardous Reactions :** Reacts with strong acids . Reacts with strong oxidizing agents . Reacts with reducing agents .

**Conditions to Avoid :** Direct Sunlight . Extremely High or Low Temperatures

**Incompatible Materials :** Strong oxidizing agents, strong acids, powdered metals , zinc, iron, copper, nickel, brass

**Hazardous Decomposition By-products :** Burning or thermal decomposition may produce carbon monoxide, carbon dioxide, nitrogen oxides, and other toxic fumes .

**Fumes Hazardous Polymerization :** NA





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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects :** Any hazards associated with this finished product are listed in SECTION 2 of this SDS . This product is not regarded as a mutagen or carcinogen, and there is low concern for reproductive, developmental, or nervous system toxic effects .

**Likely Routes of Exposure ( " Crystal Carpet Spot Remover " ) :** Inhalation, Skin Contact , Eye Contact , Ingestion .

**Inhalation :** Irritating to the respiratory tract , if inhaled .Nuisance dust is 10 mg/ m3 of total dust . If an allergic reaction does occur , move individual to fresh air . If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

**Skin Contact :** May be irritating with prolonged contact . In extreme cases , if " Redness " or Sensitization occurs through direct skin contact , seek the attention of a physician immediately .

**Eye Contact :** Irritating Effect May Occur Through Direct Contact . In extreme cases , if "redness" and watering of eyes persists , seek the attention of a physician immediately .

**Ingestion :** Not anticipated route of exposure . May cause gastric irritation if ingested in large quantities .

**Symptoms Related to the Physical, Chemical, and Toxicological Characteristics :** Eye and skin Irritation

Acute Toxicity , Toxicological ( see table below )

**Measures of Acute Toxicity by Ingredients :** The following Acute Toxicity Estimates (ATE ) are calculated on this GHS document . Toxicological Data of complete product are not available .No classification on the basis of the calculation procedure of the preparation directive . Data not available or is insufficient for classification . The toxicity data listed pertaining to the ingredients are intended for those working in the medical professions , experts for occupational health and safety, and toxicologists . The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials . This finished product used as per label directions is not considered to be a harmful in the workplace by IARC, ACGIH, NTP, or OSHA .

**Available Delayed and Immediate Effects ( Chronic Effects from Short and Long Term Exposure ) :** Warning after prolonged , extended skin absorption . Toxic and / or Corrosive Effects may be delayed up to 48 hours after use .

**Measures of Acute Toxicity ( " Crystal Carpet Spot Remover " ) :** No Further Information Available

**Teratogenicity, Mutagenicity ( " Crystal Carpet Spot Remover " ) :** No Data Available

**Reproductive Toxicity ( " Crystal Carpet Spot Remover " ) :** Not Classified

**Specific Target Organ Toxicity ( Single Exposure ) ( " Crystal Carpet Spot Remover " ) :** Not Classified

**Specific Target Organ Toxicity ( Repeated Exposure ) ( " Crystal Carpet Spot Remover " ) :** Not Classified

**Carcinogenic Categories :** None of the Ingredients are listed

**Hydrogen Peroxide –cas # : 7722-84-1 (@30% Aqueous Solution ONLY )**

Product / Ingredient Name :	Result :	Species :	Exposure :
Hydrogen Peroxide cas # 7722-84-1	LD 50 Oral	Rat	1,270 mg / kg
	LD 50 Inhaled	Rat	2 gm / L
	LD 50 Intravenous	Mouse	>50 gm / kg
	LD 50 Dermal	Rabbit	>2,000 mg / kg

<http://wcam.engr.wisc.edu/Public/Safety/MSDS/Hydrogen%20peroxide%20.pdf>



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**TOXOLOGICAL INFORMATION ( continued )**

Hydrogen Peroxide, 30% Aqueous Solution ( continued )

Carcinogenicity : CAS# 7722-84-1 ( 30% Aqueous Solution ) :

Oral, mouse: TDLo = 622 gm/kg/2Y (continuous).

ACGIH : A3 - Animal carcinogen;

IARC : IARC Group 3 - Not classifiable

NTP : Not listed

Epidemiology : No human information available.

Teratogenicity : No human information available.

Reproductive Effects : No human information available.

Neurotoxicity : No information available.

Mutagenicity : CAS#: 7722-84-1 ( 30% ) Mutation in microorganisms: S. typhimurium = 4400 umol/plate.; Hyman, embryo = 50 umol/L.;

Cytogenetic Analysis: Human, embryo = 20 umol/L. Mutation in Mammalian Somatic Cells: Hamster, lung = 1 mmol/L.

Hydrogen Peroxide , Concentrate=35% Aqueous Solution ( 7722-84-1 )

AIRC Group : 3 – Not Classifiable

Alcohol Ethoxylate ( cas # 68131-39-5 ) :

Product / Ingredient Name :	Result :	Species :	Exposure :
Alcohol Ethoxylate ( cas # 68131-39-5 )	LD 50 Acute Dermal	Rabbit	> 2000 mg/kg
	LD 50 Acute Oral	Rat	> 2000 mg/kg

<http://www.stepan.com/msds/00322400.pdf>

Alcohol Ethoxylate ( cas # 68131-39-5 ) : ( continued )

Sensitization : Not classified.

Acute effects : May be harmful if swallowed. May irritate skin after prolonged exposure .

Carcinogenicity : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Mutagenicity : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive effects : This product is not expected to cause reproductive or developmental effects.

(+) – limonene ( 5989-27-5 ) :

Product / Ingredient Name :	Result :	Species :	Exposure :
limonene – cas # 5989-27-5 : ( orange oil )	LD 50 ( oral )	Rat	4400 mg/kg body weight ; ( Rat : OECD 423 ; Acute Oral Toxicity – Acute Toxic Class Method ; Literature Study ; > 2000 mg / kg bodyweight ; Rat ; Read-across )
	LD 50 ( dermal )	Rabbit	> 5000 mg / kg body weight ( Rabbit ; Weight of Evidence; Equivalent or similar to OECD 402 )
	ATE US (oral)		4400.00000000 mg / kg body weight

file:///C:/Documents%20and%20Settings/Stan/My%20Documents/Downloads/(en-GB)068073\_1.00.pdf





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TOXOLOGICAL INFORMATION ( continued )


(+) – limonene -- cas # 5989-27-5 : ( continued )

Skin Corrosion / Irritation	: Causes Skin Irritation @ pH: 4-5
Serious Eye Damage / Irritation	: Causes Serious Eye Damage @ pH: 4-5
Respiratory or Skin Sensitization	: May Cause an Allergic Skin Reaction
Germ Cell Mutagenicity	: Not Classified

(+) – limonene ( 5989-27-5 ) :  
AIRC Group 3 – Not Classifiable

Aspiration Hazard	: Not Classified
Potential Adverse Human Health Effects & Symptoms	: Based on Available Data, the Classification Criteria are not met
Symptoms / Injuries After Inhalation	: May Cause Allergic Skin Reaction
Symptoms / Injuries After Skin Contact	: After Prolonged Exposure, May Cause Serious Skin Irritation
Symptoms / Injuries after Eye Contact	: After Prolonged Exposure, May Cause Serious Eye Damage

**SECTION 12 : ECOLOGICAL INFORMATION**

**ENVIRONMENTAL ACCREDITATION** : Derived from a  **Green Seal Certified -- concentrated product .**

This diluted , finished product used as per label directions is not considered to be a harmful to human life or the environment .

**ECOTOXICITY :**

**Aquatic Toxicity :**

**\* Hydrogen Peroxide , Concentrate=35% Aqueous Solution ( 7722-84-1 ) :**

.EC50 Water Flea	.....2.4 mg/ l ( 48h (fresh water). = Concentrate=30% Aqueous Solution ( 7722-84-1 )
*LC50 Fish 1	.....16.4 mg/ l ( 96 h; Pimephales Promelas )
.LC50 Carp	.....42 mg/ l ( 48 h = Concentrate=30% Aqueous Solution ( 7722-84-1 )
.LC50 Channel Catfish	.....37.4 mg/ l ( 96h = Concentrate=30% Aqueous Solution ( 7722-84-1 )
.LC50 Fathead Minnow	.....16.4 mg/ l ( 96h (fresh water) = Concentrate=30% Aqueous Solution ( 7722-84-1 )
*EC50 Daphnia 1	.....2.4 mg/ l ( 48 h; Daphnia Pulex ; Solution >= 50% )
*EC50 Other Aquatic Organisms 1	.....2.5 mg/ l ( 72 h, Chlorella Vulgaris )
*LC50 Fish 2	.....37.4 mg/ l ( 96 h; Ictalurus Punctatus )
*EC50 Daphnia 2	.....7.7 mg/ l ( 24 h; Daphnia Magna ; Solution >= 50% )
*Threshold Limit Algae 1	.....0.1 mg/ l ( 72 h, Chlorella Vulgaris )

**Alcohol Ethoxylate , Concentrate=>90% ( 68131-39-5 ) :**

EC50 Algae	.....10 - 100 mg/ l ( 72 h = Concentrate=>90% ( 68131-39-5 )
EC50 Daphnia	.....5 - 10 mg/ l ( 48 h = Concentrate=>90% ( 68131-39-5 )
LC50 Fish	.....: 5 - 10 mg/ l ( 96 h = Concentrate=>90% ( 68131-39-5 )

NOTE : Over prolonged exposure periods , Alcohol Ethoxylate , Concentrate=>90% ( 68131-39-5 )  
may be toxic to aquatic life with long lasting effects .



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**ECOLOGICAL INFORMATION : ( continued )**

**(+) – limonene ( 5989-27-5 ) :**

LC50 Fish 1 .....720 mg/l ( 96 h; Pimephales Promelas ; Lethal )  
EC50 Daphnia 1 ..... 0.36 mg/l ( 48 h; Daphnia Magna; GLP )  
LC50 Fish 2 .....702 mg/l ( 96 h; Pimephales Promelas )  
Threshold Limit Algae 1 ..... 150 mg/l ( 72 h, Desmodesmus Subspicatus ; GLP )  
Threshold Limit Algae 2 .....2.62 mg/l ( 72 h, Desmodesmus Subspicatus )

**“ Crystal Carpet Spot Remover ” as a finished product :**

Persistence and Degradability .....Not Established

**PERSISTENCE AND DEGRADABILITY :**

**Hydrogen Peroxide , Concentrate=35% Aqueous Solution ( 7722-84-1 ) :**

Persistence and Degradability .....Biodegradability : Not Applicable . No test data on mobility of the components available.  
.....Photolysis in air .  
Biochemical Oxygen Demand ( BOD ) .....Not Applicable  
Chemical Oxygen Demand ( COD ) .....Not Applicable  
ThOD .....Not Applicable  
BOD ( % of ThOD ) .....Not Applicable

**Alcohol Ethoxylate , Concentrate=>90% ( 68131-39-5 ) :**

Persistence / degradability : Readily biodegradable.  
Bioaccumulation / Accumulation : ND

**(+) – limonene ( 5989-27-5 ) :**

Persistence and Degradability .....Readily Biodegradable in Water . Forming Sediments n Water . Absorbs into Soil .  
ThOD .....3.29 g O2 /g Substance

**BIOACCUMULATIVE POTENTIAL :**

**“ Crystal Carpet Spot Remover ” as a finished product .....Not Established**

**Hydrogen Peroxide , Concentrate=35% Aqueous Solution ( 7722-84-1 )**

Log Pow .....-1.36  
Bioaccumulative Potential .....Bioaccumulation : Not Applicable

**(+) – limonene ( 5989-27-5 ) :**

BCF Fish 1 .....864.8 – 1022 ( Pisces; Fresh Weight )  
Log Pow .....4.38 ( Experimental Value : ) OECD 117 : Partition Coefficient ( n-octanol/water ; HPLC Method 37 ° C )  
Bioaccumulative Potential .....4 >= Log Kow <= 5

**TERRESTRIAL TOXICITY ( “ Crystal Carpet Spot Remover ” ) :** ..... No Additional Information Available

**MOBILITY IN SOIL ( “ Crystal Carpet Spot Remover ” ) :** .....No Additional Information Available

**OTHER ADVERSE EFFECTS :**

Effect on Ozone Layer ( “ Crystal Carpet Spot Remover ” ) .....No Additional Information Available

Effect on Global Warming ( “ Crystal Carpet Spot Remover ” ) .....No Additional Information Available





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**SECTION 13 : DISPOSAL CONSIDERATIONS**

DO NOT RELEASE INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER .

**Waste Disposal Recommendations** : Dispose in safe manner in accordance with local / state/federal regulations . Dispose of contents / container in accordance with local/regional/national/ international regulations . Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities while adhering to the necessary regulations .

**Ecology – Waste Materials** : Avoid release into environment .

**Recommended Cleansing Agents** : Water Only

**ENVIRONMENTAL FATE**

Under RCRA rules, it is the responsibility of the user if the product to determine , at the time of disposal, whether the material is a hazardous waster . **CONTAINER DISPOSAL** : Triple rinse container, then offer for recycling . If not available , puncture and dispose in a sanitary landfill

**SECTION 14 : TRANSPORT INFORMATION**

US Department of Transportation ( DOT ) “ Crystal Carpet Spot Remover ” as a finished product : Not Regulated

Water Transportation ( IMO ) “ Crystal Carpet Spot Remover ” as a finished product : Not Regulated

Air Transportation ( IATA ) “ Crystal Carpet Spot Remover ” as a finished product : Not Regulated

Hydrogen Peroxide , Concentrate=40% Aqueous Solution ( 7722-84-1 )

UN Number ( DOT, IMDG, IATA ) ..... UN 2014

UN Proper Shipping Name ( DOT, IMDG, IATA ) .....Hydrogen Peroxide Aqueous Solution

Transport Hazard Class(es) ( DOT, IMDG, IATA ) .....5.1-8 Oxidizer / Corrosive ( @ 40% ) / Unknown ( @ 4 % )

Packing Group ( DOT, IMDG, IATA ) ..... II ( @ 40% ) / Unknown ( @ 4 % )

Environmental Hazards : Marine Pollutant ( Yes/No ) .....NO

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code...Not Applicable

Shipping Restrictions : Air forbidden for concentration greater than 40 %

For concentrations under 40 % : Passenger Aircraft – 1 L Max. pkg. / Cargo Aircraft Only – 5 L Max. pkg.

**SECTION 15 : REGULATORY INFORMATION**

Safety, Health, and Environmental Regulations/Legislation specific for the substance or mixture .

SARA 313 : ( “ Crystal Carpet Spot Remover ” ) as a Ready-to-Use finished product ) : No reportable ingredients at existing percentages .

UNITED STATES ( USA )

SARAH Section 302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302 :

Hydrogen Peroxide ( CAS# 7722-84-1 ) -- Revision Date : 1993-04-24

**SARAH Section 313 Components** This material does not contain any chemical components with known CAS Numbers that exceed the threshold (De Minimis ) reporting levels established by SARA Title III, Section 313 .

TSCA ( Toxic Substances Control Act ).....All Ingredients are Listed

NTP ( National Toxicity Program ) ( “ Glass Smart ” ) : None of the Ingredients are listed

Toxicity IARC ( International Agency for Research on Cancer ) Hydrogen Peroxide Concentrate –cas # : 7722-84-1 ( @ 35 % Aqueous Solution )

OSHA ( Occupational Safety and Health Administration ) ( “ Crystal Carpet Spot Remover ” ) : None of the Ingredients are listed



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REGULATORY INFORMATION ( continued )

Pennsylvania Right-to-Know Components : Water ( CAS# 7732-18-5 ) // Hydrogen Peroxide ( CAS# 7722-84-1 ) -- Revision Date : 1993-04-24  
 Massachusetts Right-to-Know Components : Water ( CAS# 7732-18-5 ) // Hydrogen Peroxide ( CAS# 7722-84-1 ) -- Revision Date : 1993-04-24  
 Proposition 65 ( California ) : This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm .  
 Chemicals Known to Cause Cancer .....Ingredients are Not Listed  
 Chemicals Known to Cause Reproductive Toxicity for Females ..... Ingredients are Not Listed  
 Chemicals Known to Cause Reproductive Toxicity for Males ..... Ingredients are Not Listed  
 Chemicals Known to Cause Developmental Toxicity .....Ingredients are Not Listed  
 Carcinogenic Categories :  
 EPA ( Environmental Protection Agency ) .....Ingredients are Not Listed

International Regulations :

CANADA , EU-REGULATIONS .....No Additional Information Available

SECTION 16 : OTHER INFORMATION

HMIS Rating		GHS classification ratings order of severity differ from NFPA and HMIS	
HEALTH	1	HMIS/NFPA Hazard Ratings	GHS Hazard Categories
FLAMMABILITY	0	0= Minimal Hazard	Cat 1 ~ Severe Hazard
PHYSICAL HAZARD	0	1= Slight Hazard	Cat 2 ~ Serious Hazard
PERSONAL PROTECTION	B	2= Moderate Hazard	Cat 3 ~ Moderate Hazard
		3= Serious Hazard	Cat 4 ~ Slight Hazard
		4= Severe Hazard	Cat 5 ~ Minimal Hazard

**DISCLAIMER :** This document is intended to provide a brief summary of our present knowledge and guidance regarding the use of this material . The information set forth herein has been compiled from sources to be dependable and is believed to be accurate as of the date of issuance . This information is offered in good faith by HEALTHY CLEAN BUILDINGS and no warranty, expressed or implied, is made . The user assumes all liability for any damage or injury resulting from misuse, from any failure to adhere to recommended practices according to product label ( and such ), or from any hazards inherent in the nature of the product . This document shall not constitute a guarantee for any specific product features and shall not establish a legally valid contracted relationship.

Footnotes : CALC-Calculated; COR-Corrosive; CS-Cancer Suspect Agent; EST-Estimated; HMIS-Hazardous Material Identification System; NA-Not Applicable; ND-No Data ; NE – Data Not Established; OX- Oxidizer; PEL-Permissible Exposure Limit; PPI-Personal Protection Index ; STEL-Short Time Exposure Limit; TLV-Threshold Limit Value; TWA-Time Weighted Average