

SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: Cell Restore
Product Use: Anilox Roll Cleaner
Product Code: 115
Date of Issue: 01/10/2015
Phone Number: (404) 691-1700

Responsible Party:



500 Wharton Circle, S.W.
Atlanta, GA 30336

2. HAZARDS IDENTIFICATION

GHS - Signal Word: WARNING

GHS - Classification:

Eye Irritation - Category 2

GHS - Hazard Statement:

H316 - Causes mild skin irritation

H319 - Causes serious eye irritation

GHS - Prevention Statement:

P233 - Keep container tightly closed

P243 - take precautionary measures against static discharge

P262 - Do not get in eyes, on skin, or on clothing

P264 - Wash thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P280 - Wear protective gloves, protective clothing, eye and face protection

GHS - Response Statement:

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 + P331 + P310 - IF SWALLOWED: DO NOT induce vomiting. Immediately call a POISON CENTER or Doctor/Physician

P303+P361+P352 - IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with plenty of soap and water

Potential Health Effects:

Skin: May cause irritation, dry skin

Eyes: May cause irritation and discomfort

Inhalation: May cause irritation to the respiratory tract; may cause coughing, and/or difficulty breathing

Ingestion: May cause aspiration into the lungs with the risk of chemical pneumonitis. If material enters the lungs, signs and symptoms may include coughing wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. Symptoms may be delayed for several hours

GHS HAZARD PICTOGRAM(S):



HAZARD RATINGS	HMIS	NFPA
Health	1	1
Flammability	0	0
Reactivity	0	0
PPE	X	

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EINECS Number	CAS Number	% Range	OSHA, PEL	ACGIH, TLV
Butanoic acid, 3-oxo-, ethyl ester	205-516-1	141-97-9	20 - 60	not known	not known
4-Hydroxy-4-methyl-2-pentanone	204-626-7	123-42-2	10 - 30	50ppm	50 ppm
Alcohol Ethoxyate	not known	66455-15-0	10 - 30	not known	not known

4. FIRST AID MEASURES

EYE CONTACT:

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lens after the first 2 minutes.

Get medical attention immediately.

SKIN CONTACT:

Immediately flush with water. Remove all contaminated clothing and continue flushing with water. Wash contaminated areas with soap and water.

Thoroughly clean and dry contaminated clothing before reuse. If irritation persists, seek medical attention.

INHALATION:

Move exposed person to fresh air. If irritation persists, seek medical attention.

INGESTION:

Never give anything by mouth to an unconscious or convulsive person. Do NOT induce vomiting. Drink several glasses of water. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point: Does not Flash

Autoignition Temperature: Not established

Flammable Limits: Not established

Extinguishing Media: Water Spray, Carbon Dioxide, Foam, Dry Chemical, Halon, Any "C" Class

Unusual Fire and Explosion Hazards: None known

Fire Fighting Procedures: Fire responders should wear full protection gear and Self-Contained Breathing Apparatus. Move containers from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Evacuate unprotected personnel from the area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in section 8. Contain and recover liquid if possible. Use non-sparking tools and equipment. Cover or absorb spilled liquid with sand, earth or other inert material. Clean up spill immediately and place in appropriate containers. Do not discharge to sewers and surface waters. Notify authorities if entry occurs. Remove all sources of ignition.

U.S. Regulations (CERCLA) requires reporting spills and releases to soil, water and air in excess of reportable quantities.

Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations.

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7. HANDLING & STORAGE

Handling:

Wear protective equipment (See Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using chemical products. Wash thoroughly after handling. Keep in the original container. Do not use container for other purposes.

Storage:

Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Keep separated from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ensure eyewash/safety shower stations are available near areas where this product is used.

Personal Protection:

Eyes/Face Safety Glasses or chemical Goggles. Faceshield to guard against splashing

Skin/Body PVC, Rubber or Neoprene gloves and sleeves

Respiratory Not needed under normal and intended conditions of product use.

General Wear protective clothing to guard against splashing, including boots and apron made from PVC or neoprene. Maintain eye wash fountain and quick drench safety shower in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Vapor Pressure	Not determined
Color	Clear, Colorless	Vapor Density	Not determined
Odor	Mild	Evaporation Rate	Not determined
Specific Gravity	0.98 - 1.00	Boiling Point	Greater than 100°C
Solubility	Complete	Volatiles	Greater than 80%
pH	5.6	VOC	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability The product is stable

Reactivity Stable under normal conditions

Conditions to Avoid Excessive heat and incompatibles

Incompatibility Strong reducers

Hazardous Decomposition Carbon oxides may be produced under extreme fire conditions

Hazardous Polymerization Will not occur

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation: None Known Ingestion: None Known Skin Contact: None Known Eye Contact: Causes eye irritation

Acute Toxicity

Eyes: No data available

Dermal LD50: No data available

Oral LD50: No data available

Inhalation: No data available

Carcinogenicity

IARC: None

Mutagenicity No data available

Skin Effects No data available

Chronic No data available

Irritation No data available

Corrosivity No data available

Sensitization No data available

Reproductive No data available

Target Organs No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial) Not Established

Persistence and Degradability Not Established

Bioaccumulative Potential Not Established

Mobility in Soil Not Established

Other Adverse Effects Not Established

13. DISPOSAL CONSIDERATIONS

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

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14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name Not regulated for transport
DOT Hazard Class N/A
DOT I.D. Number None
DOT Packing Group None
DOT Label(s) None

15. REGULATORY INFORMATION

U.S. Federal regulations

Contents of this MSDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200.

OSHA Hazard Communication Standard (26 CFR 1910.1200)

() Hazardous (X) Non-Hazardous

SARA TITLE III

Section 302/304 Extremely Hazardous Substances: None

Section 311/312 (40CFR370) Hazardous Categories:

(X) None () Acute () Chronic () Fire () Pressure () Reactive
immediate (acute) health hazard, fire hazard

Section 313 Contains the following SARA 313 Toxic Release Chemicals: None

Product components are cited on the lists below

CERCLA, RCRA, CAA: Not Listed

TSCA

The components of this product are listed on the TSCA Inventory or are exempted from listing.

State Regulations: California Prop 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

Ingredient	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Ethyene oxide	Yes	Yes	Yes	Yes

Additional State Regulations:

The components of this product are listed on the following state lists.

Ingredient	CAS#	State Lists
4-Hydroxy-4-methyl-2-pentanone	123-42-2	FL,MA,MN,NJ,PA,RI,WI

Canadian Regulations:

The components of this product are listed on the Canadian Domestic Substances List(DSL) or Non-Domestic Substances List(NDSL)

Component	CAS#	Reporting Limit(1%)
4-Hydroxy-4-methyl-2-pentanone	123-42-2	1.0
Butanoic acid, 3-oxo-, ethyl ester	141-97-9	Not Known
Alcohol Ethoxylate	66455-15-0	Not Known

THIS PRODUCT IS COMPLIANT WITH CALIFORNIA CLEAN AIR RULE 1171

16. OTHER INFORMATION

The information contained herein is given to the receiver in good faith to the best of our knowledge. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, or the manufacturer or others. The information contained herein is based on the manufacturer's own gathering and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the receivers employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

Completed On January 10, 2015
Completed By Chemist, President: R. Law