



MATERIAL SAFETY DATA SHEET

Date Issued: 07/19/2006
 MSDS No: 1612-2SQ/P
 Date Revised: 07/21/2011
 Revision No: 4

Roller Rejuvenator/Platen Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Roller Rejuvenator/Platen Cleaner
PRODUCT DESCRIPTION: Roller Rejuvenator
PRODUCT CODE: 1612-2SQ/P
ACTIVE INGREDIENT(S): d-Limonene; Chlorinated Paraffin

MANUFACTURER

Techspray, L.P.
 1001 N.W. 1st Street
 P.O. Box 949
 Amarillo TX 79107
Emergency Contact: Chemtrec
Product Stewardship: 1-800-858-4043
Service Number: 1-800-858-4043

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC CCN#21858 (US Transportation) :(800) 424 - 9300
CANUTEC (Canadian Transportation) :(613) 996 - 6666
Emergency Phone :(800) 858 - 4043

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear to amber, sticky resin.

POTENTIAL HEALTH EFFECTS

EYES: Liquid contact can cause irritation, which may be severe.

SKIN: Prolonged or repeated contact may cause skin irritation.

INGESTION: Harmful if swallowed.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Contact may cause eye irritation.

SKIN: May cause slight irritation.

INGESTION: Not a likely route of exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
d-Limonene	60 - 70	5989-27-5
Chlorinated Paraffin	20 - 30	63449-39-8

COMMENTS: CAS# 85535-85-9 (EC# 287-477-0) refers to the registry number given specifically to C14-17 chlorinated paraffin (chloroalkane). CAS# 63449-39-8 refers to the US EPA TSCA Chemical Inventory.



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4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

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

INGESTION: Ingestion is unlikely because of the physical properties and is not expected to be hazardous. Do not induce vomiting unless instructed to do so by a physician.

INHALATION: Remove to fresh air.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (115°F) TAG CC

FLAMMABLE LIMITS: 0.7% to 3.1%

GENERAL HAZARD: Combustible Liquid. Can form explosive mixtures at temperatures at or above the flash point.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes and oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: -Implement cleanup procedures. -If in public area, keep public away and advise authorities. -Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

RELEASE NOTES: Spills and releases may have to be reported to Federal and/or local authorities.

SPECIAL PROTECTIVE EQUIPMENT: Only personnel equipped with proper respiratory and skin/eye protection should be permitted in area. See Section 8 for details.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep container closed when not in use.

HANDLING: Avoid prolonged or repeated contact with skin.

STORAGE: Keep away from sources of ignition.

STORAGE TEMPERATURE: Minimum to (70°F) Maximum

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
d-Limonene	TWA	[1]	[1]	[1]	[1]	[1]	[1]
Chlorinated Paraffin	TWA	[2]	[2]	[2]	[2]		
OSHA TABLE COMMENTS:							
1. NL = Not Listed							
2. NOT ESTABLISHED							

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

SKIN: The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Viton, Solvex, Butyl, Buna, Neoprene.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Boiling Point (°C)	Solubility in Water	Specific Gravity
d-Limonene	115	154.4	INSOLUBLE	0.841

PHYSICAL STATE: Liquid

ODOR: Strong, fruity odor.

COLOR: Clear to Light yellow

pH: Not Applicable

PERCENT VOLATILE: 30

BOILING POINT: (325°F) to (332°F)

FLASHPOINT AND METHOD: (115°F) TAG CC

SPECIFIC GRAVITY: 0.939 to 0.9693

(VOC): 500.000 to 600 g/L (non-exempt VOC)

10. STABILITY AND REACTIVITY

STABLE: Yes



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HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon (CO and CO₂) may form when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
d-Limonene	> 5 g/kg	> 5 g/kg
Chlorinated Paraffin	> 4 g/kg	

EYE EFFECTS: May be mildly irritating to eyes.

CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
d-Limonene	NOT LISTED	NOT LISTED	NOT LISTED
Chlorinated Paraffin	NOT REVIEWED	NOT REVIEWED	NOT REVIEWED

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: There is limited information available on the environmental fate and effects of this material. The primary environmental concern for release is the impact on aquatic and terrestrial species. Due care should be taken to avoid the accidental release of this material into the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: CONSUMER COMMODITY ORM-D

UN/NA NUMBER: NA

PACKING GROUP: NA

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Roller Rejuvenator/Platen Cleaner**AIR (ICAO/IATA)****SHIPPING NAME:** CONSUMER COMMODITY ORM-D**UN/NA NUMBER:** ID8000**PACKING GROUP:** NA**VESSEL (IMO/IMDG)****SHIPPING NAME:** Terpene Hydrocarbons, N.O.S. (D-Limonene, Chlorinated Paraffin)**UN/NA NUMBER:** UN2319**PRIMARY HAZARD CLASS/DIVISION:** 3.3**PACKING GROUP:** II**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt. %	CAS
Chlorinated Paraffin	20 - 30	63449-39-8

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
d-Limonene	5989-27-5
Chlorinated Paraffin	63449-39-8

TSCA STATUS: All components of this product are either listed or exempt from listing in the TSCA inventory.

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are listed on the Canadian DSL.

16. OTHER INFORMATION

APPROVED BY: Pierce A. Pillon **TITLE:** Chemist

REVISION SUMMARY: Revision #: 4. This MSDS replaces the January 24, 2011 MSDS.

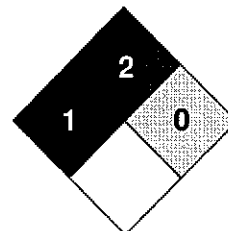
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NFPA CODES



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