

Material Safety Data Sheet Carbon Cleaner / Remover CR-15

Section 1. Chemical Product and Company Identification

Product Name	Carbon Cleaner / Remover CR-15	
Product Number	NTN CRCR 15	
Manufacturer/ Supplier	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
Phone Number	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
D.O.T. Emergency Phone:	1-800-633-8253	
Date of Preparation	December 19, 2012	Revision Number 1.0

Section 2. Hazards Identification

Emergency overview **This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**

DANGER!

Keep out of reach of children.
Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work-station location. S24/25- Avoid contact with skin and eyes.

Potential Acute Health Effects Eye contact can result in corneal damage or blindness. Corrosive to skin and eyes on contact. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

Routes of Entry Skin contact. Ingestion. Eye Contact.

Eyes Eye irritation

Skin De-fatting of the skin

Inhalation No adverse effects form inhalation

Ingestion Gastrointestinal irritation

Medical conditions aggravated by exposure: Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

Potential Chronic Health Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

Carcinogenic Effects N/A

Target Organs Blood (hemolytic) secondary effects, kidney & liver

Environmental Effects Not available

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Solvents-Glycol N-Butyl Ether	111-76-2	<15%		50/20
Tri Sodium Phosphate	1310-73-2	<10		15/10
Mono ethanolamine	141-45-5	<5%		6/6

Section 4. First Aid Measures

Eye Contact	Flush with water for 15 minutes
Skin Contact	Flush with water for 15 minutes
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	If swallowed Seek medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	Symptoms may not appear immediately.

Section 5. Fire Fighting Measures

Flammability	Non flammable
Fire Fighting Media and instructions	N/A
Products of Combustion	Not available
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A
Sensitivity to Mechanical Impact	N/A
Sensitivity to Static Discharge	N/A
Protection of Fire Fighters	See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Face shield. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Methods for Containment	Contain spill and dilute with water. Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Environmental	See Methods for Containment

Precautions

Methods for Clean Up Wash all surfaces with water.

Section 7. Handling and Storage

Precautions Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water. Keep product from freezing.

Incompatibility Strong acids

Storage Corrosive materials should be stored in a separate safety storage cabinet or room. Keep out of reach of children. For Institutional and Commercial Use

Keep out of reach of children.

Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work station location. S24/25- Avoid contact with skin and eyes.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Personal Protection Good general ventilation should be sufficient to control airborne levels.

Eyes Splash goggles

Body Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.

Respiratory Wear appropriate respirator when ventilation is inadequate.

Hands Rubber gloves

Protective Clothing (Pictograms)



Exposure Limits

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance Amine Liquid

Molecular Weight N/A

Ph 9-10

Boiling/Condensation Point N/A

Melting/Freezing Point N/A

Critical Temperature	N/A
Instability Temperature	N/A
Specific Gravity	(H20 = 1): 1.07
Vapor Pressure	(Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density	(Air = 1)
Volatility	N/A
VOC	N/A
Evaporation Rate	(H20 = 1): 0.85
Dispersion Properties	N/A
Solubility	Complete in water
The Product is:	Alkaline Liquid
Auto-ignition Temperature	N/A
Flash Points	N/A
Flammable Limits	N/A
Fire Hazards in Presence Of Various Substances	N/A
Explosion Hazards in Presence of Various Substances	N/A
Odor	Lemon
Color	Amine

Section 10. Stability and Reactivity Data

Stability	The product is stable
Incompatibility with Various Substance	Product will be neutralized if contacted with water
Hazardous Decomposition Products	Not available

Section 11. Toxicological Information

Routes of Entry	Skin Contact. Ingestion. Eye Contact
Toxicity to Animals	
Acute Effects on Humans	
Eyes	Eye irritation
Skin	De-fatting of the skin
Inhalation	No adverse effects form inhalation

Ingestion	Gastrointestinal irritation
Chronic Effects on Humans	Blood (hemolytic) secondary effects, kidney & liver
Special Remarks on Toxicity to Animals	No additional remark
Special Remarks on Chronic Effects on Humans	No additional remark

Section 12. Ecological Information

Ecotoxicity	Toxic in concentrated form, practically non toxic diluted or neutralized form due to high PH
BOD5 and COD	Not available
Products of Biodegradation	Toxic in concentrated form, practically non toxic diluted or neutralized form due to high PH
Toxicity of the Products of Biodegradation	Product id practically non toxic
Special Remarks on the Products of Biodegradation	Not available

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Dilute with large volumes of water and flush to sewer

Section 14. Transport Information

DOT (U.S.A.) (Pictograms)	
TDG Classification	
PIN UN, Proper Shipping Name, PG	Non hazardous
Maritime Transportation	Not a "marine pollutant"
Special Provisions for Transport	Not available

Section 15. Regulatory Information and Pictograms

Regulatory Lists	No products were found.	
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).	
Other Classifications	HCS (U.S.A.)	HCS Class: Corrosive Liquid. HCS Class: Toxic.
	USA Regulatory	This product does NOT contain components that are known to the state of

Lists California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL)
 SARA 302 Extremely Hazardous Substances - Not listed
 SARA 311 - 1. Immediate (acute) health hazard
 2. Delayed (chronic) health hazard
 SARA 313 Toxic Chemical List – Listed

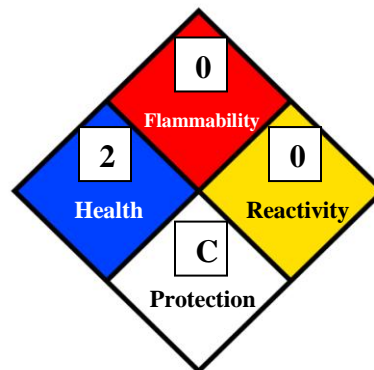
DSD (EEC) R22- Harmful if swallowed.
 R35- Causes severe burns.

International Regulations Lists No Products were found.

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



WHMIS (Classification) WHMIS CLASS E: Corrosive Liquid. WHMIS CLASS D-1: Material causing immediate and serious toxic effects.

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Expiry Date 3 (Three Years) from the date of preparation indicated in Section 1.

Validated by **Verified by**

Information Contact **Printed**

Notice to Reader:

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Validated on **NuTech Specialties, Inc.**