

MATERIAL SAFETY DATA SHEET

Complies with Hazard Communication
29 CFR 1910-1200

**Nature's Guard™ Soy-based
CARBON REMOVER & DEGREASER**

Date Prepared: 07/01/06
Supersedes Date: 20/03/05

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Section IV - Fire/Explosion Hazard Data

EMERGENCY OVERVIEW

Clear viscous liquid with a mild odor.	HMIS Rating	
Mild eye irritant.	Health	1
Very mild skin Irritant.	Fire	2
Moderately toxic by ingestion.	Reactivity	0
Non-flammable, non-combustible liquid.		

Flash Point:	152°F Seta Flash
Auto ignition Temperature;	Not Established
Flammability Limits in Air % By volume:	Not Established
Extinguishing Media:	Water, CO2, Dry Chemical, Foam
Special Fire Fighting Procedures:	Keep personnel removed and upwind of fire. Firefighters should wear protective clothing to prevent contact with skin and eyes. Wear positive pressure self contained breathing apparatus.

Usual Fire and Explosion Hazards: Water may be ineffective but should be used to keep fire-exposed containers cool. If a spill or leak has not ignited, use water spray to dispense the vapors. Water spray must be used to flush spills away from fire.

Section V - Reactivity Data

Stability:	Stable
Conditions to Avoid:	Fire, Ignition sources
Incompatibility: (materials to avoid)	Strong oxidizing or reducing agents, strong acids
Hazardous Decomposition or byproducts:	Smoke, CO2, and probably carbon monoxide
Conditions to Avoid:	Do not react this product with any alcohol. Avoid breathing the vapors at heated temperature. Avoid contact to eyes and skin. Handle the product with proper ventilation.

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Section VI - Health/Hazard Data

	Methyl Soyate
Route(s) of Entry:	
Inhalation Toxicity:	Unknown
Rat: at super saturated (110 °C) concentrations:	
Dermal Toxicity:	unknown
Rabbit LD50: g/KG	(guinea pig)
Oral Toxicity:	17.4
Rat (M&F) LD50: (g/KG)	

Health Hazards: (Acute and Chronic - Potential Health Effect):

INHALATION: Negligible unless is heated to produce vapors. Vapors or finely misted material may irritate the mucous membranes and cause Irritation, dizziness, and nausea. Remove to fresh air. Low hazard for usual Industrial handling at room temperature.

INGESTION: no hazards anticipated from ingestion incidental to industrial exposure.

Skin Contact: is a mild skin and eye irritant., however, this is not a skin sensitizer. Prolonged or repeated contact may cause skin irritation (specially at heated temperature), thermal burns are possible.

Eye Contact: Will cause irritation, wash eye with water for at least 15 to 20 minutes, seek medical attention if symptoms persist.

CARCINOGENS: None of the components in this product are listed by IARC, OSHA, NTP, EPA or ACGIH as a carcinogen.

MEDICAL CONDITIONS AGGRAVATED BY: See Section VI (above).

Emergency and First Aid:

INHALATION: If inhaled, remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. **SKIN CONTACT:** Wear natural latex or natural rubber gloves to protect your skin. After excessive exposure to skin, rinse immediately with water. Wash contaminated clothing before reuse. **EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. **INGESTION:** If swallowed, do not induce vomiting. Immediately give two glasses of water, or activated charcoal slurry. Never give anything by mouth to an unconscious person. Call a physician.

NOTE TO PHYSICIANS: To prepare activated charcoal slurry suspend 50 g activated charcoal in 400 ml water in plastic bottle and shake well. Administer 5 ml/kg, or 350 ml for an average adult.

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Section VI - Health/Hazard Data (continued)

Protection:

Generally/Applicable Control Measures And Procedures:

Keep container tightly closed.

Do Not Mix With Strong Oxidants And Acids.

Use ventilation that is adequate to keep airborne concentrations below exposure limits.

Personal Protective Equipment:

Eye /Face Protection - Wear coverall chemical splash goggles when the possibility exists for eye contact due to splashing or spraying of material.

Respirators - A NIOSH/MSHA approved air purifying respirator with a organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. **Protective Clothing** - Wear impervious clothing, such as gloves, apron, boots or whole bodysuit made from butyl rubber, as appropriate.

Steps To Take If Material Is Released/Spilled/Leaks:

NOTE: Review Fire And Explosion Hazards and Safety Precautions before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Remove source of heat, sparks, flame, impact, friction or electricity. Dike spill: Prevent liquid from entering sewers, waterways or low areas. Recover free liquid for reuse or reclamation. Recover undamaged and minimally contaminated material for reuse or reclamation. Soak up with sawdust, sand, oil dry or other absorbent material.

Section VII - Disposal Considerations

WASTE DISPOSAL: Dispose of with liquid waste according to Federal, State/Provincial and local laws and regulations. All disposal methods must be in compliance with all Federal, State/Provincial and Local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. GSP HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator or other thermal destruction device.

STORAGE CONDITIONS - Ordinary Stainless Steel 304 and 316, Carbon Steel 1020 are suitable. Store drums in a dry and well ventilated area. Keep container tightly closed.

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Section VIII - Control Measures

Respiratory Protection: (type)	See Section VI
Ventilation:	
Local Exhaust:	Good general ventilation. Exhaust hood necessary if heated
Mechanical: (general)	Well ventilated area
Protective Gloves:	Chemical resistant gloves such as natural latex or natural rubber
Eye Protection:	Chemical safety goggles
Other Protective Clothing/ Equipment:	Chemical resistant apron

Section IX - Regulatory Information

(Not meant to be all-inclusive - selected regulations represented)

TSCA:	The components of this product are reported in the EPA, TSCA Inventory List
OSHA:	Hazardous under 29 CFR 1910.1200 (combustible liquid)
SARA TITLE III:	
Section 302, Extremely Hazardous Substances:	None
Section 311/312, Hazardous Categories:	None
Section 313, Toxic Chemicals:	None

Contains no hazardous components at 1% or more as listed or defined in 29 CFR 1910, Subpart Z. Contains no components that are reported to be carcinogenic by any reference source including IARC, OSHA, NTP and EPA.

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Section X - Transportation Data

Proper Shipping Name: Nature's Guard™ Soy-based CARBON REMOVER &
DEGREASER

DOT Identification Number: Not Available

DOT Hazard Class: Combustible Liquid HMIS Rating (1,2,0)

Hazardous Ingredients): See Section II

NOTICE: This Material Safety Data Sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with Federal, State or Provincial, and local laws. The following specific information is made for the purpose of complying with numerous Federal, State or Provincial, and local laws

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