3X BLACK STREAK CLEANER *Material Safety Data Sheet*

Black Streak **MSDS No. T0091**
Date of Preparation: 04/29/11 Revision: 04/29/11

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: 3X Black Streak Cleaner
Product Class: Biodegradable Water Base Automotive Cleaner Concentrate
CAS Number: Mixture – Not Established
General Use: Commercial Vehicle Multi-Purpose Exterior/Interior Cleaner
Name: DirectLine Industries P.O. Box 15133, St. Louis, MO 63110. Phone (866)-773-6136, 24-HOUR EMERGENCY CONTACT PHONE NUMBER (800) 255-3924 (CHEMTEL).

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	%wt *or* % vol
Water	7732-18-5	65-85
Sodium Citrate	6132-04-3	2-8
Amphoteric Surfactant	Mixture - None	2-8
Ethoxylated Alcohol--Surfactant	Mixture - None	2-8
Nonionic Surfactant Blend	Mixture - None	1-5

Exposure Limits:

Ingredient	OSHA –PEL TWA	OSHA –PEL STEL	ACGIH-TLV TWA	ACGIH-TLV STEL	NIOSH REL	NIOSH STEL	NIOSH IDLH
Water	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Sodium Citrate	None estab.	none estab.	None estab.	none estab.	none estab.	none estab.	none estab.
Amphoteric-Surfactant	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Ethoxylated Alcohol	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.
Nonionic Surfactant	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.	none estab.

Section 3 – Health Hazard Identification

Primary Entry Routes: Ingestion, Inhalation, Skin Absorption and Eye Contact.
Target Organs: Eyes.

Acute Effect Inhalation: Vapors and mists may cause irritation of the respiratory tract. Possible headaches, coughing, shortness of breath, dizziness and irritation to nose and throat.

Eye: Vapors or mists can cause mild to severe irritation depending on the concentration of fluid. Tearing, redness, swelling, blurred vision may result.

Skin: May cause irritation under normal conditions of use. Possible redness or drying of skin.

Ingestion: Irritation of the mouth, throat and gastrointestinal tract. Discomfort, nausea, dizziness, vomiting and possible diarrhea may result.

HMIS
H 1
F 1
R 0
PPE†
†Sec.8

Carcinogenity: IARC, NTP and OSHA do not list any of the ingredients as a carcinogen.
Medical Conditions Aggravated by Long-Term Exposure: Chemical properties of this material suggest that over exposure can likely aggravate existing medical conditions like skin and eye disorders.
Chronic Effects: Overexposure to vapor may result in eye and respiratory tract irritation. Tearing, nausea, dizziness and headaches may result. Prolonged or repeated skin contact with this product may cause irritation and dermatitis.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. GET MEDICAL ATTENTION IMMEDIATELY.

Eye Contact: IMMEDIATELY flush eyes with a direct stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. GET IMMEDIATE MEDICAL ATTENTION IF IRRITATION PERSISTS.

Skin Contact: If irritation develops flush skin with plenty of water. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Ingestion: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have patient drink 2-3 glasses of water; do not induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY. CALL A PHYSICIAN

Note to Physicians: Treat symptoms.

Special Precautions/Procedures: ***After first aid, get appropriate in-plant, paramedic, or community medical support.***

Section 5 - Fire-Fighting Measures

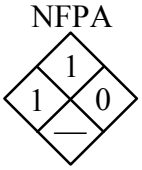
Flash Point: Combustible liquid estimated at above 200^0F.

Flash Point Method: Not established.

Autoignition Temperature: No Data.

LEL: No Data.

UEL: No Data.



Extinguishing Media: Water spray, dry chemical, carbon dioxide, alcohol foam

Unusual Fire or Explosion Hazards: Low hazard. This product would not be expected to burn or ignite unless a majority of the water is evaporated or boiled away or liquid exceeds flashpoint. The remaining organic compounds may be ignitable. Heated vapors may be ignited by f lames or sparks. Vapors may be heavier than air and may travel long distances along the ground before igniting and flashing back to vapor source.

Hazardous Combustion Products: Oxides of Nitrogen, Carbon Monoxide and Carbon Dioxide.

Fire-Fighting Instructions: Use extinguishing media appropriate for surrounding fire. Use water spray to cool nearby containers and structures exposed to fire. Do not release runoff from fire control methods to sewers or waterways. Keep personnel removed and upwind.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode with full protective clothing.

Section 6 - Accidental Release Measures

Spill/Leak Procedures: Review section on fire fighting measures, use appropriate personal protective equipment measures during cleanup. Extinguish all ignition sources for combustible products with flash points and ventilate area. Dike area with inert materials to contain spill. Prevent liquid from entering sewers, waterways or low areas. Transfer liquids and solid diking material to separate suitable approved containers for recovery or disposal. Do not flush into sewer. Clean up residue with soap and water. Keep non-authorized personnel away. Spill area will be slippery, use care to avoid falling.

Waste Disposal Method: Recovery and reuse rather than disposal should be the ultimate goal of handling efforts after a spill. Dispose of recovered non-usable non-hazardous liquid product and material used in cleaning up the spill in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Small spills (less than 1 gallon) can be neutralized with high volumes of water and discharged into a wastewater treatment system. Reduce discharge rate if foaming occurs (Minimum of 200 parts water to 1 part product).

Regulatory Requirements: Any environmental release of a material that could cause harm to people or to the environment must be reported immediately to the national response center (NRC) by calling 800-424-8802 (CERCLA) and to the appropriate state and local agencies (SARA).

Section 7 - Handling and Storage

Handling Precautions: Do not get in eyes, on skin or on clothing. Harmful if inhaled, absorbed through skin or swallowed, prevent possible eye and skin contact by wearing the recommended protective clothing and equipment. Causes eye, skin and respiratory irritation. Wash thoroughly after handling. Do not ingest. Do not breath vapors or mist. Use with adequate ventilation. Do not cut, grind, puncture, drill, weld, on or near containers. Vapors are combustible to open flames. Keep containers closed when not in use. Do not use pressure to empty containers. Always loosen closure cautiously when opening.

Storage Requirements: Store in a cool, dry, well-vented area away from direct sunlight, heat, flames and sparks in a controlled environment. Do not store near combustible materials or liquids. Do not store in open unlabeled or mislabeled containers. Empty containers retain product vapor or residue. Follow all label warnings even after container is empty. Keep from freezing. Keep out of reach of children.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use local exhaust ventilation with a minimum capture velocity of 150 FT/Min. At the point of dust or mist evolution.

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2) or standard occupational exposure limits. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Respiratory Protection: If using in a confined area and fumes are present use a respirator. None required under normal circumstances of use if maintaining airborne contamination concentrations below standard occupational exposure limits. If using in a confined area with mists and fumes present use a respirator. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or nonroutine operations (cleaning spills, reactor vessel, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves and clothing to prevent skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics. Wash thoroughly after handing.

Section 9 - Physical and Chemical Properties

Physical State: Water Like Liquid
Appearance and Odor: Clear Orange Liquid, Floral Scented.
Odor Threshold: Vapor Pressure: Not Determined
Vapor Density (Air=1): Not Determined
Specific Gravity (H_2O=1, at 72 °F): 1.02
pH: 9.5 – 10.5

Water Solubility: 100%
Boiling Point: Estimated at 212°F
Freezing Point: Range 32°F
Viscosity: 15-25 sec. (Shell cup #1 @ 72 °F)
% Volatile: VOC:0
Evaporation Rate: Not Determined

Section 10 - Stability and Reactivity

Stability: Stable in a controlled environment in closed containers under normal storage and handling conditions.
Polymerization: Hazardous polymerization should not occur.
Chemical Incompatibilities: Strong oxidizing agents, bleaching agents, acids and reducing agents.
Conditions to Avoid: Avoid excessive heat, open flames and high heat as heated vapors may be combustible
Hazardous Decomposition Products: Thermal oxidative decomposition of this product can produce oxides of nitrogen, carbon dioxide and carbon monoxide.

Section 11 - Toxicological Information

Toxicity Data:*

Eye Effects: No test data. Eye irritant.
Skin: No test data. Skin irritant.
Ingestion: No test data. Irritation of membranes of mouth, throat and stomach.
Inhalation Effects: No test data. Vapor or mists are irritating to respiratory tract and eyes.

Acute Inhalation Effects:
Human, inhalation, TC_{Lo}: 500 ppm, no data
Acute Oral Effects:
Rat, oral, LD_{50}: 320 mg/kg, no data
Chronic Effects: See section 3
Carcinogenicity: None Known
Mutagenicity: No Data
Teratogenicity: No Data

* Specific tests have not been conducted on this product. Our evaluations are based on information from similar products, the ingredients and technical literature. Data for this material has been used to estimate the symptoms and effects of exposure.

Section 12 - Ecological Information

Ecological Data*

Ecotoxicity: This material has a low potential for toxicity.

Environmental Fate: Low biochemical oxygen demand and low potential to cause oxygen depletion in aqueous systems. A low potential to affect aquatic organisms. A low alkaline material (pH of 9.5 to 10.5). If released to surface water this compound will cause pH to rise depending on the buffering of the water body. Aquatic organisms become stressed as pH exceeds 9 and intolerant of pH in excess of 10.

Environmental Degradation: When diluted with large amounts of water, this material released into the environment is not expected to have a significant impact. (Minimum of 200 parts water to 1 part product) A low potential to persist in the environment.

Soil Absorption/Mobility: This material is expected to be mobile in soil and not expected to absorb to suspended solids or sediments inn water. A low potential to affect plant life.

*Specific tests have not been conducted on this product. Our evaluation is based on information from similar products, the ingredients and technical literature. This information should be used only for a small truck spill and not meant to address discharges to sewers or treatment plants. Data for this material have been used to estimate its environmental impact.

Section 13 - Disposal Considerations

Disposal: Care must be taken to prevent environmental contamination from the use of this material. Contact a licensed waste management contractor for detailed recommendations. Follow applicable Federal, state, and local regulations. Non hazardous liquid can be incinerated if it meets all OSHA and EPA regulations. Incinerate at a licensed waste disposal site with approved environmental authority. If this product is altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal.

Disposal Regulatory Requirements: Follow applicable NRC, CERCLA, and SARA regulations.

Container Cleaning and Disposal: Prior to cleaning or disposing of container use caution when handling container. Empty containers retain product vapor or residue that could be combustible. Do not use pressure to empty containers. Follow all label warnings even after container is empty. Do not cut, weld, braze, solder, drill, grind or expose empty containers to high heat, flames or other sources of ignition. Follow applicable federal, state and local OSHA and EPA regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101):

Shipping Name: Not Applicable
Shipping Symbols: Not Applicable
Hazard Class: Non-regulated
ID No.: Not Applicable
Packing Group: Not Applicable
Label: Not Applicable
Special Provisions (172.102): None

Packaging Authorizations
a) Exceptions: Not Applicable
b) Non-bulk Packaging: Not Applicable
c) Bulk Packaging: Not Applicable

Quantity Limitations
a) Passenger, Aircraft, or Railcar: No Data
b) Cargo Aircraft Only: No Data

Vessel Stowage Requirements
a) Vessel Stowage: No Data
b) Other: No Data

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Mixture. Not Determined (40 CFR 261.33)
RCRA Hazardous Waste Classification (40 CFR 261.??): Mixture. Not determined.
CERCLA Hazardous Substance (40 CFR 302.4) None for ingredients in finished product specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)(4); CWA, Sec. 307 (a), CAA, Sec. 112
CERCLA Reportable Quantity (RQ). None for ingredients in finished product.
SARA 311/312 Codes: Immediate (acute)health hazard.
SARA Toxic Chemical (40 CFR 372.65): Not listed for any of the ingredients in this product.
SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed for any ingredients in this product, Threshold Planning Quantity (TPQ). None.

OSHA Regulations:

Air Contaminant (20 CFR 1910.1000, Table Z-1, Z-1-A): Mixture. Not Determined.
OSHA Specifically Regulated Substance (29 CFR 1910.????) Mixture. Not Determined.
State Regulations: No Data

Section 16 - Other Information

Prepared By: MSDS Coordinator
Revision Notes: None
Additional Hazard Rating Systems: None
Disclaimer: This material safety data sheet and the information it contains is offered to you in good faith as a guide to the safe use of the product and believed to be accurate to the best of our knowledge. Not all information in this data sheet is supported by specific testing and the evaluations are based on information from similar products, the ingredients and technical literature. The data contained herein is provided for your guidance only when handling the specific material designated in this MSDS and does not relate to any process or to use with any other materials. We recommend testing to determine the suitability of this product for your particular purpose prior to use. No responsibility is accepted that the information is sufficient, correct, and complete in all circumstances, as to the safety and health of individuals, disposal of materials and protection of the environment. It is the user's obligation to consider this MSDS as a supplement to other information required to make an independent determination to assure compliance to applicable laws and regulations when handling this material. The data in this document is provided without any representation or warranty expressed or implied regarding its accuracy or correctness. No warranty, either expressed or implied of merchantability or fitness or of any nature is made with respect to any product referred to herein. Distributor/Manufacturer does not assume responsibility and expressly disclaims liability for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the products referred to herein. Distributor/Manufacturer urges persons receiving this data to make their own determination as to the information's suitability and completeness for their particular application.