3X FAST DETAILER
Date of Preparation: 04/09/12 Revision: 04/09/12

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: 3X FAST DETAILER
Product Class: Water Base Emulsion Automotive Cleaner
CAS Number: Mixture – Not Established
General Use: Spray-On Cleaner and Protectant.
Supplier: DirectLine Ind. PO Box 15133 St Louis, MO. Phone 866-773-6136
Emergency Contact Number 800-255-3924 Chem-Tel

Section 2 - Composition / Information on Ingredients

INGREDIENT NAME	CAS NUMBER	%vol or %wt	OSHA PEL	ACGIH TLV
Water	7732-18-5	>80	None Est.	None Est.
2-Propanol	67-63-0	1-3	400 ppm	200 ppm
Polydimethylsiloxane	63148-62-9	3-6	None Est.	None Est.

Section 3 – Health Hazard Identification

EMERGENCEY OVERVIEW

May be irritating to skin and eyes. Appearance: White Liquid, Lemon Scented.

Routes of Exposure: Ingestion, Inhalation, Skin Absorption, and Eye Contact
Target Organs: Eyes, skin
Inhalation: Vapor or mists may cause respiratory tract irritation and possible headaches or nausea may result.
Eye: May cause moderate irritation depending upon the concentration of the fluid. Tearing, redness, and blurred vision may result.
Skin: May cause slight irritation under normal conditions of use. Possible redness and drying of skin.
Ingestion: May cause irritation of the gastrointestinal tract, nausea, vomiting or diarrhea may result.
Carcinogenity: IARC, NTP and OSHA list one of the ingredients (Acetaldehyde) in this product as a carcinogen at trace amounts.
Medical Conditions Aggravated by Long-Term Exposure: Chemical properties of this material suggests that over-exposure is unlikely to aggravate existing medical conditions.
Chronic Effects: Overexposure to vapor may result in eye and respiratory tract irritation. Prolonged or repeated skin contact with this product may cause irritation and dermatitis..

HMIS

H	**1**
F	**1**
R	**0**
PPE†	

†Sec.8

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 directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. GET MEDICAL ATTENTION IMMEDIATELY.

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 several glasses of water, do not induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY.

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: Above 200°F

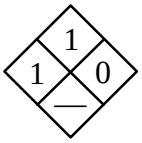
Flash Point Method: Not established

Autoignition Temperature: No data

LEL: No data

UEL: No data

NFPA



Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical, water spray.

Unusual Fire or Explosion Hazards: This product contains combustible organic components creating possible ignitable vapors when containers are heated. Oxides of nitrogen could be evolved.

Hazardous Combustion Products: Combustion of product can produce toxic gases (oxides of nitrogen).

Fire-Fighting Instructions: Product contains combustible components. Use extinguishing media appropriate for surrounding fire. Under normal conditions this product is not combustible. 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 5 on fire fighting measures, use appropriate personal protective equipment measures during cleanup. Extinguish all ignition sources for combustible products with flashpoints 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 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. Review Section 13 for proper disposal procedures and follow all Federal, State, and Local regulations.

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: Avoid eye contact and prolonged skin contact. Prevent possible eye contact by wearing protective glasses. Wash hands after handling. Use with adequate ventilation. Do not breathe vapors or mist. Do not ingest. Do not cut, grind or drill near containers. Keep containers closed when not in use. Vapors are combustible to open flames. 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

Ventilation: Ensure good general ventilation. Use local exhaust ventilation to draw spray, mists and vapors away from work area to prevent inhalation of product fumes. Provide general or local exhaust ventilation systems using corrosive resistant materials to maintain airborne contaminants below any recommended 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. Ventilation guidelines may be found in OSHA Regulation (29CFR 1910.94) and publications such as Industrial Ventilation: American Conference of Governmental Industrial Hygienists.

Respiratory Protection: 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 organic vapor cartridge with a particulate prefilter 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 to prevent prolonged or repeated skin contact per OSHA Regulation (29CFR 1910.138). Wear protective eyeglasses with side shields per OSHA eye- and face-protection regulations (29CFR 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: Liquid
Appearance and Odor: White Liquid, Lemon Scented
Odor Threshold: Vapor Pressure: Not Determined
Vapor Density (Air=1): Not Determined
Specific Gravity (H_2O=1, at 72°F (22°C): .99
pH: 6.5 – 7.5

Water Solubility: Soluble
Boiling Point: 212°F (100°C)
Freezing Point: 32°F (0°C)
Viscosity: 72°F (22°C) Water Like
Voc Content (Wt.): 2%
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, acids and alkalies.

Conditions to Avoid: Avoid high temperatures above 200°F (93°C).

Hazardous Decomposition Products: Thermal oxidative decomposition of this product can produce carbon monoxide and /or carbon dioxide, oxides of nitrogen, possible toxic levels of ammonia and hydrocarbons.

Section 11 - Toxicological Information

***Specific tests have not been conducted on this product. Our evaluations 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.**

Eyes Eye contact with liquid or mist can cause moderate irritation and stinging.

Skin Skin LD50: Not established/ No data
Skin toxicity is not regarded as a health hazard likely to arise in normal use. Prolonged skin contact is unlikely to result in the absorption of toxic amounts. The product could cause mild to moderate skin irritation, especially if contact is frequent or prolonged. The product is not known to be a sensitizer.

Inhalation Inhalation LC50: Not established/ No data
The product is not expected to present a significant inhalation hazard if work area is properly ventilated. Prolonged inhalation of vapors, mists, or fumes will cause irritation of respiratory tract creating headaches, or nausea.

Ingestion Oral LD50: Not established/ No data
The product is expected to have low order of acute oral toxicity and ingestion is not regarded as significant health hazard likely to arise from normal use. Ingestion may cause severe discomfort, and irritation of mouth, throat, and digestive tract. Swallowing significant quantities may produce other harmful effects.

Chronic Toxicity There are no reports of long-term adverse toxic effects in man attributable to the use of this type of product. The product does contain ingredients, or which are derived from components, that potentially may affect the following target organs: eyes, skin, and respiratory system.

Carcinogenicity Trace amounts of Acetaldehyde (75-07-0) is in one of the ingredient that is considered as a carcinogen with unknown relevance to humans.

Mutagenicity There are no reports of mutagenic effects attributable to the use of this type of product or from its ingredients.

Reproductive Toxicity Trace amounts of one of the ingredients that in 2-Propanol (67-63-0) could possibly cause birth defects or other reproductive harm with unknown relevant to humans.

Section 12 - Ecological Information

***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 small spills and not meant to address discharges to sewers or treatment plants. Data for this material has been used to estimate its environmental impact.**

Ecotoxicity: This material has a low potential for toxicity.
Environmental Fate: Moderate biochemical oxygen demand and moderate potential to cause oxygen depletion in aqueous systems. A moderate potential to affect aquatic organisms.
Environmental Degradation: When diluted with large amounts of water, this material released into the environment is not expected to have a significant impact. 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 suspended solids or sediments in water. A low potential to affect plant life.

Section 13 - Disposal Considerations

Disposal: Do not discharge this material into lakes, streams, ponds, or other waters. Do not discharge this material into sewer systems without approval from local treatment plant authority. Care must be taken to prevent environmental contamination from the use of this material. If material is not approved to be discharged into sewer system, 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 environment 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 empty container. Do not use pressure to empty containers. Empty containers retain product vapor or residue that could be combustible. Do not cut, weld, braze, solder, drill, grind, or expose empty containers to heat flames or other sources on ignition. Follow all label warnings even after container is empty. Follow applicable federal, state and local OSHA and EPA regulations.

Section 14 - Transport Information

U.S. Road Transportation DOT Data (49 CFR 172.101):

Not regulated as a hazardous material or dangerous goods

Canadian Road Transportation (TDG);

Not regulated as a hazardous material or dangerous goods

Ocean Transportation (IMO/IMDG):

Not regulated as a hazardous material or dangerous goods

Air Transportation (ICAO/IATA):

Not regulated as a hazardous material or dangerous goods

Section 15 - Regulatory Information

U.S. Federal Regulations

TSCA Inventory Status:

The components for this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 35):

Components:	Concentration:
None Known	

Section 304 CERCLA Hazardous Substances (40 CFR 302):

Components:	Reporting Qty:
None Known	

Section 311/312 Hazard Class (40 CFR 370):

Acute: Yes
Chronic: No
Fire: No
Pressure: No
Reactive: No

Section 313 Toxic Chemicals (40 CFR 372):

Components:	Reporting Threshold:
None Known	

RCRA – Product Disposal (40 CFR 261):

If discarded in its purchased form, this product would not be a hazardous waste, but it is an emulsion solution. However, under RCRA it is the responsibility of the product user at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

OSHA Hazard Standard (20 CFR 1910.1000):

The following components of this product are listed as hazardous by definition of OSHA Hazard Standard:

2-Propanol (67-63-0)

State Right to Know Information

California Prop 65

The product contains the following chemicals known to state of California to cause cancer and or birth defects based on maximum impurity levels of components:

Acetaldehyde (75-07-0)

Pennsylvania, Massachusetts & New Jersey Hazardous Substance List

2-Propanol	(67-63-0)
Acetaldehyde	(75-07-0)

International Regulations

Inventory Status

Canada (DSL)

The components of this product are on the above inventory lists or are exempt from their inventory requirements.

Section 16 - Other Information

Prepared By: Tec Service
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 it 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. DirectLine Ind. 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. Manufacturer urges persons receiving this data to make their own determination as to the information's suitability and completeness for their particular application.