



MATERIAL SAFETY DATA SHEET

GRAFFITI DYNA-WIPES®

PRODUCT TYPE: Graffiti Remover Wipe

MSDS: 455

Original Date: 01/10/2013

MANUFACTURER:

Dynacco, Inc.
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P O Box 27
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USA

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Family: None **Molecular Formula:** Mixture **Molecular Weight:** Not available

2. COMPOSITION/INFORMATION ON INGREDIENTS

OSHA REGULATED COMPONENTS

| Component / CAS No. | % | (w/w) | OSHA (PEL): | ACGIH (TLV) | Carcinogen |
|----------------------------|-----|-------|-----------------|-----------------|------------|
| Citrus Terpenes/94266-47-4 | 0-2 | | Not established | Not established | |

No Permissible Exposure Limits (PEL/TLV) have been established by OSHA or ACGIH.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE AND ODOR:

Color: White
Appearance: Liquid
Odor: Citrus - Slight

STATEMENTS OF HAZARD:

Caution! May cause skin irritation. May cause blurred vision.

POTENTIAL HEALTH EFFECTS

EFFECTS OF EXPOSURE:

The acute oral (rat) LD50, acute dermal (rabbit) LD50 and 4-hour inhalation (rat) LC50 values for this material are >2000 mg/kg, >5000 mg/kg and >11 mg/l, respectively. Direct contact with this material may cause mild eye and mild skin irritation. This material may produce temporary blurred vision following exposure to high vapour concentrations or direct contact with eyes. Refer to Section 11 for toxicology information on the regulated components of this product.

4. FIRST AID MEASURES

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Skin Contact: Wash immediately with plenty of water and soap.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes.

Inhalation: Material is not expected to be harmful if inhaled. Remove to fresh air.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray or fog, carbon dioxide or dry chemical.

Protective Equipment: Firefighters, and others exposed, wear self-contained breathing apparatus. Wear full firefighting protective clothing. See MSDS Section 8 (Exposure Controls/Personal Protection).

Special Hazards: Keep containers cool by spraying with water if exposed to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Where exposure level is not known, wear approved, positive pressure, self-contained respirator. Where exposure level is known, wear approved respirator suitable for level of exposure. In addition to the protective clothing/equipment in Section 8 (Exposure Controls/Personal Protection), wear impermeable boots.

Methods For Cleaning Up: Cover spills with some inert absorbent material; sweep up and place in a waste disposal container. Flush spill area with water.

7. HANDLING AND STORAGE

HANDLING

Precautionary Measures: Avoid contact with eyes, skin and clothing. Avoid breathing vapor. Wash thoroughly after handling. Use with adequate ventilation. Keep container closed.

Special Handling Statements: Provide good ventilation of working area (local exhaust ventilation if necessary).

STORAGE Store in a cool, dry, well ventilated place and keep container tightly closed. Observe the general rules of industrial fire protection.

Storage Temperature: Store at Room temperature

Reason: Integrity.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure.

Respiratory Protection: For operations where inhalation exposure can occur, use an approved respirator recommended by an industrial hygienist after an evaluation of the operation. Where inhalation exposure cannot occur, no respiratory protection is required.

Eye Protection: Wear eye/face protection such as chemical splash proof goggles or face shield. Eyewash equipment and safety shower should be provided in areas of potential exposure.

Skin Protection: Avoid skin contact. Wear impermeable gloves and suitable protective clothing.

Additional Advice: Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-------------------------------|
| Color: | White |
| Appearance: | Liquid |
| Odor: | Citrus - Slight |
| Boiling Point: | 200 °F method ASTM E324 |
| Melting Point: | -40 °C Not available |
| Vapor Pressure: | 0.1hPa @ 20 °C |
| Specific Gravity/Density: | 1.022@ 20 °C Std methods 2710 |
| Vapor Density: | 1.06g/cm ³ @ 20 °C |
| Percent Volatile (% by wt.): | Not available |
| pH: | Not available |
| Saturation In Air (% By Vol.): | Not available |
| Evaporation Rate: | Not available |
| Solubility In Water: | Not available |
| Volatile Organic Content: | Not available |
| Flash Point: | Not available |
| Flammable Limits (% By Vol): | Not available |
| Autoignition Temperature: | Not available |
| Decomposition Temperature: | Not available |
| Partition coefficient (n-octanol/water): | Not available |
| Odor Threshold: | Not available |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Stability: | Stable |
| Conditions To Avoid: | This product is stable at room temperature and in normal handling conditions. None known |
| Polymerization: | Will not occur |
| Conditions To Avoid: | None known |
| Materials To Avoid: | None Known |
| Hazardous Decomposition Products: | Carbon monoxide Carbon dioxide smoke aromatic and aliphatic hydrocarbons |

11. TOXICOLOGICAL INFORMATION

Toxicological information for the product is found under Section 3. HAZARDS IDENTIFICATION.

Toxicological information on the regulated components of this product is as follows:

Slightly toxic following oral administration. Practically nontoxic after skin application in animal studies. Moderately irritating to eyes (rabbit). Practically non irritating to skin (rabbit).

Practically nontoxic following oral administration. Practically nontoxic after skin application in animal studies. Practically non irritating to skin (rabbit). Moderately irritating to eyes (rabbit).

12. ECOLOGICAL INFORMATION

The ecological properties of this material have not been fully investigated. An assessment has been initiated to determine possible environmental effects.

DEGRADATION : biodegradability

13. DISPOSAL CONSIDERATIONS

The information on RCRA waste classification and disposal methodology provided below applies only to the product, as supplied. If the material has been altered or contaminated, or it has exceeded its recommended shelf life, the guidance may be inapplicable. Hazardous waste classification under federal regulations (40 CFR Part 261 et seq) is dependent upon whether a material is a RCRA `listed hazardous waste or has any of the four RCRA `hazardous waste characteristics. `Refer to 40 CFR Part 261.33 to determine if a given material to be disposed of is a RCRA `listed hazardous waste`; information contained in Section 15 of this MSDS is not intended to indicate if the product is a `listed hazardous waste. `RCRA Hazardous Waste Characteristics: There are four characteristics defined in 40 CFR Section 261.21-61.24: Ignitability, Corrosivity, Reactivity, and Toxicity. To determine Ignitability, see Section 9 of this MSDS (flash point). For Corrosivity, see Sections 9 and 14 (pH and DOT corrosivity). For Reactivity, see Section 10 (incompatible materials). For Toxicity, see Section 2 (composition). Federal regulations are subject to change. State and local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed. The Company encourages the recycle, recovery and reuse of materials, where permitted, as an alternate to disposal as a waste. The Company recommends that organic materials classified as RCRA hazardous wastes be disposed of by thermal treatment or incineration at EPA approved facilities. The Company has provided the foregoing for information only; the person generating the waste is responsible for determining the waste classification and disposal method.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

US DOT Proper Shipping Name: Compounds, Cleaning, O/T Liquid (Non-Hazardous)

Hazardous Substances: Not Applicable

TRANSPORT CANADA

Proper Shipping Name: Compounds, Cleaning O/T Liquid (Non-Hazardous)

ICAO / IATA

Proper Shipping Name: Not applicable/Not regulated

Packing Instructions/Maximum Net Quantity Per Package:

Passenger Aircraft: -

Cargo Aircraft: -

IMO

Proper Shipping Name: Not applicable/Not regulated

15. REGULATORY INFORMATION**INVENTORY INFORMATION**

United States (USA): All components of this product are included on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.

Canada: All components of this product are included on the Domestic Substances List (DSL) or are not required to be listed on the DSL.

European Union (EU): All components of this product are NOT included on the European Inventory of Existing Chemical Substances (EINECS).

Australia: One or more components of this product have NOT yet been included in the Australian Inventory of Chemical Substances (AICS) or assessed by NICNAS.

China: All components of this product are NOT included on the Chinese inventory.

Japan: All components of this product are NOT included on the Japanese (ENCS) inventory.

Korea: All components of this product are NOT included on the Korean (ECL) inventory.

Philippines: All components of this product are NOT included on the Philippine (PICCS) inventory.

OTHER ENVIRONMENTAL INFORMATION

The following components of this product may be subject to reporting requirements pursuant to Section 313 of CERCLA (40 CFR 372), Section 12(b) of TSCA, or may be subject to release reporting requirements (40 CFR 307, 40 CFR 311, etc.) See Section 13 for information on waste classification and waste disposal of this product.

This product may contain less than 100 ppm of ethylene oxide, {CAS #75-21-8}. Ethylene oxide has been determined to be hazardous by the states of Florida, Massachusetts, Pennsylvania, Michigan and Minnesota. The State of California lists it as a cancer and reproductive hazard under Proposition 65. The OSHA PEL and ACGIH TLV for ethylene oxide is 1 ppm. It is unlikely that this limit will be approached during normal use of this product.

PRODUCT HAZARD CLASSIFICATION UNDER SECTION 311 OF SARA

- not applicable

16. OTHER INFORMATION**NFPA Hazard Rating (National Fire Protection Association)**

Health: 1 - Materials that, under emergency conditions, can cause significant irritation.

Fire: 0 - Materials that must be preheated before ignition can occur.

Reactivity: 0 - Materials that in themselves are normally stable, even under fire exposure conditions.

Reasons For Issue:

New Format

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