



# MATERIAL SAFETY DATA SHEET



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 303-292-0595

## SECTION 1 - IDENTIFICATION

**Product Name:** GraffitiGone™  
**Chemical Name:** Mixture  
**Chemical Family:** Moderately alkaline aqueous solution.  
**DOT Shipping Name:** Not regulated  
**DOT Identification No.:** Not regulated

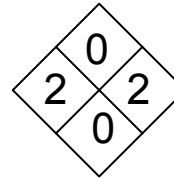
## SECTION 2 - TYPICAL COMPOSITION

| <u>MATERIAL</u>                             | <u>CAS No</u>  | <u>%Wt.</u> | <u>OSHA PeI</u>  |
|---|----------------|-------------|------------------|
| N-Methyl-2-Pyrrolidone (NMP)                | 872-50-4       | 80-99%      | None established |
| Other Proprietary Non-Hazardous Ingredients | Not applicable | 0-5%        | Not applicable   |
| Water                                       | 007732-18-5    | Balance     | Not applicable   |

## SECTION 3 - HMIS RATINGS

**Health:** 2  
**Flammability:** 0  
**Reactivity:** 2  
**Special:** 0  
 0 = minimal 1= slight 2= moderate 3= serious 4= severe

NFPA



## SECTION 4 - PHYSICAL DATA

**Appearance and odor:** Clear to amber, liquid; amine-like odor  
**Boiling Point:** 396°F (at 760 mm Hg)  
**Freezing Point:** -11°F  
**Specific Gravity:** 1.01-1.04 (H<sub>2</sub>O at 30.2°F)  
**Vapor Density:** Not determined  
**Percent Organic Volatiles by Volume:** Not available  
**Evaporation Rate:** (butyl acetate =1): <1  
**Solubility in Water:** Miscible  
**Vapor Pressure:** Not determined  
**pH:** 7.0-8.0

## SECTION 5 – HEALTH HAZARD DATA

### Route(s) of Entry

|                    |  |
|--------------------|--|
| <b>Eye:</b>        | Moderate eye irritant. May cause burning sensation, tearing, redness or swelling.                                      |
| <b>Inhalation:</b> | No inhalation hazard identified from data available.   |
| <b>Skin:</b>       | Moderate skin irritant. May cause delayed skin irritation and blistering if left on skin for extended periods of time. |
| <b>Ingestion:</b>  | Slight ingestion hazard if ingested in large quantities.   |

### Effects of overexposure:

Acute Health Effects (Short Term): Moderate eye irritant. Moderate skin irritant. May cause drying and cracking. Slight skin absorption hazard. No inhalation hazard identified from data found.

Chronic Health Effects (Long Term): Was not carcinogenic in rats exposed to 0.4 G/L vapors for 2 years. Not mutagenic in the Ames Test Reported to be fetotoxic and teratogenic by dermal but not inhalation exposure.

### Medical Conditions Generally Aggravated by Exposure:

None known

### Carcinogenicity

|                          |            |
|--------------------------|------------|
| <b>NTP:</b>              | None known |
| <b>IARC Monographs:</b>  | None known |
| <b>OSHA Regulations:</b> | None known |

### Emergency and First Aid Procedures:

|                      |   |
|----------------------|---|
| <b>Eye contact:</b>  | In case of eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Obtain emergency medical attention.  |
| <b>Skin contact:</b> | Immediately remove contaminated clothing. Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. If sticky, use waterless cleaner first. Seek medical attention if ill effect or irritation develops. |
| <b>Ingestion:</b>    | If a large quantity is swallowed, give lukewarm water (pint ½ liter) if victim is completely conscious. DO NOT INDUCE VOMITING. Risk of damage to lungs exceeds poisoning risk. Obtain emergency medical attention.                     |
| <b>Inhalation:</b>   | If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.   |

## SECTION 6 – FIRE AND EXPLOSION HAZARD DATA

|   |   |
|---|---|
| <b>Flash Point:</b>   | None  |
| <b>Flammable Units (% Volume in Air) at normal Atmospheric Temp. &amp; Pressure</b> |   |
| <b>LEL:</b>   | None  |
| <b>UEL:</b>   | None  |
| <b>Autoignition Temp:</b>   | None  |
| <b>Physical Hazards:</b>  | Moderately combustible liquid   |
| <b>Extinguishing Media:</b>   | Dry chemical, CO2, waterspray, alcohol type foam, foam  |
| <b>Special Fire Fighting procedures:</b>  | Do not enter fire area without proper protection. See "Decomposition Products Possible." Fight fire from safe distance/protected location. Heat may build pressure/rupture closed containers. Spreading fire, increasing risk of burns/injuries. Use water spray/fog for cooling. Avoid frothing/steam explosion. |
| <b>Unusual Fire and Explosion Hazards:</b>  | When heated above flash point, releases vapors. When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined. Vapors may be heavier than air. May travel long distance along ground before igniting/flashing back to vapor source.  |

## SECTION 7 – REACTIVITY DATA

|  |   |
|--|---|
| <b>Stability:</b>                        | Stable  |
| <b>Conditions to Avoid:</b>              | Heat, sparks, open flame, and other ignition sources  |
| <b>Incompatibility:</b>                  | Reducing agents, strong acids, strong oxidizing agents  |
| <b>Hazardous decomposition products:</b> | Thermal decomposition may product carbon dioxide and toxic fumes of carbon monoxide and oxides of nitrogen. |
| <b>Hazardous polymerization:</b>         | Not expected to occur   |
| <b>Other Chemical Reactivity:</b>        | No additional information available   |

## SECTION 8 – SPILL OR LEAK PROCEDURES

|  |   |
|--|---|
| <b>Steps to be taken if material is released or spilled:</b> | Liquid or vapor may ignite. Evacuate and limit access. Equip responders with proper protection. Extinguish all ignition sources. Stop release. Prevent flow to sewers or public waters. Notify fire and/or environmental authorities. Blanket with fire fighting foam. Restrict water use for cleanup. Impound and recover large spill. Soak up small spill with inert solids. Use suitable disposal containers. On water, material is soluble; may float or sink. Contain; minimize dispersion; collect. Disperse residue. Report per regulatory requirements. |
| <b>Waste disposal method:</b>                                | Contaminated product/soil/water may be RCRA/OSHA hazardous waste due to potential combustibility. Landfill solids at permitted sites. Use registered transporters. Bum concentrated liquids. Avoid flameouts. Assure emissions comply with applicable regulations. Dilute aqueous waste may biodegrade. Avoid overloading/ poisoning plant biomass. Assure effluent complies with applicable regulations.   |

## SECTION 9 – PERSONAL PROTECTION INFORMATION

|                                 |  |
|---------------------------------|--|
| <b>Respiratory protection:</b>  | No occupational exposure limits have been developed for this material. Where exposure through inhalation may occur from use, NIOSH/MSHA approved respiratory protection equipment is recommended.  |
| <b>Ventilation:</b>             | Adequate local exhaust.  |
| <b>Skin protection:</b>         | When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn. The equipment must be cleaned thoroughly after each use.  |
| <b>Eye protection:</b>          | Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to splashing/spraying liquid, airborne particles, or vapor. Contact lenses must not be worn.  |
| <b>Engineering Controls:</b>    | At elevated temperatures, special ventilation may be required even if the flash point has not been exceeded. Flammable mists or aerosols can be generated below the flash point of high boiling liquids.   |
| <b>Work/Hygienic Practices:</b> | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse. Shower after work using plenty of soap and water. |

## SECTION 10 – ADDITIONAL PRECAUTIONS

|   |  |
|---|--|
| <b>Precautions to be taken in handling and storage:</b> | Handle empty containers with care - residue may be combustible and burn if exposed to heat/sparks/open flame. In addition to the fire/explosion hazard, residual vapor and liquid may also be toxic. Keep container tightly closed when not in use. Store away from heat, sparks, open flames, strong oxidizing agents and direct sunlight. Keep out of reach of children. |
| <b>Decontamination Procedures:</b>                      | Isolate, vent, drain, wash and purge systems or equipment before maintenance or repair. Wear recommended personal protective equipment. Observe precautions pertaining to confined space entry.  |
| <b>Other precautions:</b>                               | KEEP OUT OF THE REACH OF CHILDREN. Read product label.   |

## SECTION 11 – GENERAL COMMENTS

**THE INFORMATION GIVEN HEREIN IS GIVEN IN GOOD FAITH AND FROM SOURCES WE BELIEVE RELIABLE, BUT NO WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS IS MADE.**

The conditions or methods of handling, storage, use and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not apply.

**CONSULT ADDITIVES INC. FOR FURTHER INFORMATION.**