

ADVANCED GRAFITTI REMOVER

MSDS NO. 350-1

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910.1200. Standard must be consulted for specific requirements.

Important: Do not leave any blank spaces. If required information is unavailable, unknown, or doesn't apply, so indicate.

*N/A=No information available

*N/AP=Not Applicable

Section 1 - Company and Chemical Identification

DAYCON PRODUCTS COMPANY, INC.
16001 TRADE ZONE AVENUE
UPPER MARLBORO, MD 20774

EMERGENCY PHONE: 800-535-5053

PHONE: 301-218-7100

DATE: JANUARY 28, 2003

PRODUCT USE: REMOVAL OF GRAFITTI FROM METAL, BRICK, STONE, AND CONCRETE.

Section 2 - Hazardous Ingredients/Identity

Hazardous Component(s) (chemical & common name)	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS No.
1-Methyl-2-Pyrrolidinone				99	872-50-4

NPCA-HMIS Rating: Health -1 Flammability -2 Reactivity -1 PPE - X

Section 3 - Health Hazard Identification

Acute:

Skin and eye irritant.

Chronic:

Minor skin irritation on repeated contact. May cause corneal clouding on repeated contact.

Signs and Symptoms of Exposure:

Irritation, redness, or pain on the skin or eyes.

Medical Conditions Generally Aggravated by Exposure:

No information found.

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes No X	I.A.R.C Yes No X	OSHA Yes No X
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Section 4 - First Aid Measures

Routes of Entry and Emergency/First Aid Procedures

1. Inhalation:

May be a problem if product is heated. Remove to fresh air. Give artificial respiration if not breathing, and seek medical attention.

2. Eyes:

Flush eyes for 15 minutes with plenty of water, lifting upper and lower eyelids. Seek medical attention.

3. Skin:

Rinse with water for 15 minutes. Remove contaminated shoes or clothing and wash before reuse. Seek medical attention if irritation persists.

4. Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Section 5 - Fire Fighting Measures & Data

Flash Point 199F Method Used CC Flammable Limits LEL 0.99 UEL 3.9
in Air % by Volume Lower Upper

Auto-Ignition Temperature:

655F

Extinguisher Media:

Dry chemical, foam, or carbon dioxide.

Special Fire Fighting Procedures:

Wear full protective clothing and NIOSH-approved self contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards:

Above the flash point, explosive vapor-air mixtures may be found.

DOT Hazard Classification:

Not regulated.

Section 6 - Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled:

Ventilate area. Remove ignition sources. Contain and recover liquid. Use non-sparking tools and equipment. Liquid may be absorbed with an absorbent material – do not use a combustible material, such as saw dust. Do not flush to sewer.

Waste Disposal Methods (Consult federal, state, and local regulations):

Recycle or dispose of in accordance with federal, state, and local regulations.

Section 7 - Special Precautions, Handling, and Storage

Precautions to be Taken in Handling and Storage:

Store in a tightly closed container in a cool, dry, ventilated area away from heat or sources of ignition.

Other Precautions:

Containers of this product may be hazardous when empty since they contain residue. Continue to observe all warnings and precautions listed for the product.

Section 8 - Special Protection Information/Control Measures

Respiratory Protection (Specify Type):

When working in enclosed areas, use full-facepiece positive pressure air supplied respirator. Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Ventilation: Local Exhaust: Mechanical (General) : Special: Other:

Preferred.

Protective Gloves:

Impervious rubber gloves

Eye Protection:

Splash proof safety goggles

Other Protective Clothing or Equipment:

Impervious clothing if contact is likely.

Work/Hygienic Practices:

Wash hands before eating, drinking, smoking, or taking a break, and after use.

Section 9 - Physical & Chemical Characteristics

Boiling Point:	Specific Gravity (H ₂ O):	Vapor Pressure (mm Hg):	Vapor Density (Air = 1):
° 396F	1.03 ± .005	0.5 @ 25C	3.4

Solubility in Water :	Reactivity in Water:
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Miscible in water	Nil
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Appearance and Odor:	Melting Point:
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Thick colorless liquid with slight amine odor.	N/AP
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Section 10 - Stability and Reactivity

Stability:	Unstable	Stable	Conditions to Avoid:
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X	Heat, flames, ignition sources and strong oxidants and acids.
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Incompatibility (Materials to Avoid):

Strong oxidants and acids. Reacts with chlorinating agents to form amide. Reacts with sulfur or carbon disulfide at high temperature and pressures.

Hazardous Decomposition Products:

Burning may produce carbon monoxide, carbon dioxide, and nitrogen oxides.

Hazardous Polymerization:	May Occur	Will Not Occur	Conditions to Avoid:
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X	N/AP
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