

DEGREASER

Contains no perfumes.

This product represents the latest technology in cleaning safety and effectiveness.

It does not contain butyl, harsh alkalis, phosphates or petroleum distillates. Grease and grime eating d-Limonene, surfactants and builders quickly strip soil from a wide variety of surfaces, including metal, glass, plastic, concrete, paints and textiles.



ORANGE POWER

SUPER STRENGTH CITRUS DEGREASER

- Powerful d-Limonene degreaser strips heavy grease, oil, soot, tar and adhesives from most surfaces
- Contains no butyl, alkalis, petroleum solvents or phosphates
- Multi-purpose and multi-surface – use on anything from countertops to industrial equipment to concrete floors
- Contains no SARA 313 reportable chemicals

Type d-Limonene Micro-Emulsion
 Form Clear Liquid
 Odor Citrus
 Color Light Yellow
 Weight per Gallon 8.30 Lbs.
 pH 8.8 - 9.5
 pH 1% 7.6
 Storage Stability Min. 1 Year
 Freeze/Thaw Passes 3 Cycles
 Foam Height Medium High
 Flash Point (c.c.) 124°F
 Actives 30%
 Phosphate (%P) None

DILUTIONS (with water)

Light Cleaning: Dilute 1:64

General Cleaning: Dilute 1:20

Heavy Duty Cleaning: Dilute 1:10

AVAILABLE PACKAGING

1-gallon bottles - 0429 1182GR4



Use with a mop and bucket for cleaning concrete floors or deck brush for heavy grease.



Spray and wipe clean a multitude of surfaces such as tables and walls or use with a scrub brush for tough industrial grease.



H.M.I.S. RATING

FLAMMABILITY	2	REACTIVITY
HEALTH	1	0
PERSONAL PROTECTION		

B

Sac-Val

JANITORIAL
SUPPLY

Go Clean  Go Green

Sac-Val Janitorial Sales and Service, Inc.
Sacramento • Hayward • Santa Rosa
1-800-600-8989 • www.sacval.com

PRODUCT SAFETY SHEET

SECTION 1. PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: Orange Power

PRODUCT I.D. NUMBER (PIN): N.A.

H.M.I.S.

PRODUCT USE: All purpose cleaner/degreaser

WHMIS CLASS: B3; D2B

	HEALTH	HAZARD RATING
1	HEALTH	
2	FIRE	4 = Extreme 3 = High
0	REACTIVITY	2 = Moderate 1 = Slight 0 = Insignificant
B	MAXIMUM PERSONAL PROTECTION	

COMPANY:

Sac Val Janitorial Sales and Service, Inc
2421 Del Monte Street
W. Sacramento, CA 95691

DOT HAZARD CLASS: Non-Regulated

DOT SHIPPING NAME:
N.A.

EMERGENCY PHONE: 800-535-5053

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

ABBREVIATION KEY: N.A. - Not Applicable N.E. = Not Established N.D. = Not Determined

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	60-100	N.E.	N.E.	N.D.	N.D.
d-Limonene	5989-27-5	5-10	N.E.	N.E.	>5g/kg	N.D.
Alkanolamide	N.A.	10-30	N.E.	N.E.	N.D.	N.D.
Nonionic surfactants	N.A.	5-10	N.E.	N.E.	N.D.	N.D.

This mixture does not contain components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

SECTION 3 - PHYSICAL DATA

Color: Light Yellow	Boiling Point: 100°C (212°F)	Vapor Pressure: <30 mm of Hg	pH: 8.8 - 9.5
Odor: Citrus	Freezing Point: 0°C (32°F)	Vapor Density (Air=1): <1	1% pH: 7.6
Physical State: Liquid	Water/Oil Distribution: N.E.	Evaporation Rate (Water=1): N.E.	Specific Gravity: 0.99 gm/ml
Solubility in Water: Complete	Odor Threshold: N.E.	VOC Content: 10.0%	Weight per Gallon: 8.30 lbs./gal.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 124°F 51°C (C.C.)	Autoignition Temperature: N.A.	Extinguishing Media: Use dry chemical or CO2.
Flammable Limits: Combustible Liquid.	LEL: N.E. UEL: N.E.	Special Fire Fighting Procedures: Use proper protective equipment.
Hazardous Combustion Products: N.A.		Unusual Fire and Explosion Hazards: Avoid sources of ignition.

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable.	Hazardous decomposition of By-Products: None known.
Incompatibility (Materials to Avoid): Strong oxidizers and sources of ignition.	Hazardous Polymerization: Will not occur.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion. Inhalation. Skin contact.	Toxicologically Synergistic Products: None known.
Sensitization: No.	Medical Conditions Aggravated by Exposure: None known.
EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):	
Eyes: May cause irritation.	Carcinogenic Effects: NO carcinogenic effect.
Skin: May cause mild irritation.	Mutagenic Effects: NO mutagenic effect.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.	Teratogenic Effects: NO teratogenic effect.
Inhalation: Exposure in poorly ventilated area may cause respiratory irritation.	Reproductive Toxicity: NO reproductive toxicity effect.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate ventilation.	Ventilation: Local Exhaust: N.A. Mechanical: Acceptable
Protective Gloves: Rubber if needed to protect sensitive skin.	Eye Protection: As required to prevent splashing into eyes.
Protective Clothing and Equipment: As needed to prevent wetting of clothing.	Work and Hygienic Practices: Avoid contact with eyes, skin and clothing.
Storage Requirements: Store in cool, dry area away from sources of ignition. Empty container retains vapor and product residue; do not puncture or weld on or near container.	Other Requirements: Keep out of reach of children.
Steps to be Taken if Material is Spilled or Released: Collect and reuse if possible. Ventilate area and remove all sources of ignition. Collect on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.	
Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.	

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 15 minutes holding eyelids open.

Skin: Wash with mild soap and water.

Ingestion: Give 2-3 large glasses of water. Seek medical attention. In all cases if symptoms persist, seek medical attention.

Inhalation: Remove to fresh air and rest. In all cases if symptoms persist, seek medical attention.

Note to Physician: No additional information.

SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department

Phone: 916-923-1476