

MATERIAL SAFETY DATA SHEET

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Citrus Blaster	Product Use: heavy duty degreaser	Formula Index: 03
Manufacturer and US Supplier's Name Spray Nine Corporation	Canadian Supplier's Name ITW Permatex Canada	
Address (Number, Street, City, State, and ZIP Code) 251 N. Comrie Avenue	Address (Number, Street, City, State, and ZIP Code) 8450 Lawson Road, Unit 1	
Johnstown, NY 12095	Milton, Ontario L9T 0J8	
Emergency Telephone Number 1-800-477-7299 ChemTel 1-800-255-3924 Telephone Number for Information 518-762-4591 or Fax 518-762-2566	Emergency Telephone Number ChemTel 1-800-255-3924	
Signature of Preparer (optional) Claudia E. Britton	Date Prepared August 1, 2008	

HMIS Rating: HEALTH- 2 FLAMMABILITY- 4 REACTIVITY- 1 PERSONAL PROTECTION- B
NFPA Rating: HEALTH- 2 FLAMMABILITY- 4 REACTIVITY- 1

WHMIS Rating: A, B5, D2B

SECTION II. HAZARDOUS INGREDIENT INFORMATION (Per 29 CFR 1910.1200)

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
d-Limonene	5989-27-5	25-30	Not Est.	Not Est.
Dipropylene glycol montobutyl ether	29911-28-2	10-15	Not Est.	Not Est.
Isopropylamine dodecylbenzensulfonate	26264-05-1	5-10	Not Est.	Not Est.
Petroleum Gases, liquefied sweetened	68476-86-6	5-10	1000 ppm*	Not Est.
Alcohols, C9-11, ethoxylated	68439-46-3	1-5	Not Est.	Not Est.
Dibasic fatty acid, potassium salt	68127-33-3	1-5	Not Est.	Not Est.

*Ingredient supplier recommended exposure limit.

SECTION III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear, amber liquid with a citrus odor. Flammable gas. Avoid contact with heat, sparks and open flames. Causes eye irritation. Frequent or prolonged use may irritate skin or cause a rash. Breathing high vapor concentrations causes irritation of eyes, nose, throat and lungs. Product is an aspiration hazard if swallowed.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Causes eye irritation.

SKIN CONTACT: No hazard under normal conditions of use. Frequent or prolonged use may irritate skin or cause a rash.

INHALATION: High concentrations are irritating to the eyes, nose, throat and lungs.

INGESTION: Ingestion of large amounts may cause stomach irritation. Symptoms include nausea, vomiting and diarrhea. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Persons with pre-existing medical conditions or sensitivity may be more susceptible to the effects of exposure.

CHRONIC EFFECTS: None known.

SECTION IV. FIRST AID MEASURES

EYE CONTACT: Flush immediately with water for 15 minutes. If contact lenses are worn, remove immediately as they may contribute to the severity of the irritation. Contact physician.

SKIN CONTACT: Flush with water for 15 minutes. Contact physician if irritation persists.

INHALATION: Remove to fresh air. If symptoms persist, contact physician immediately.

INGESTION: Do not induce vomiting. Drink plenty of water. Contact physician immediately.

NOTE TO PHYSICIAN: Treat patient symptomatically.

SECTION V. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES:**

FLASH POINT: 49°C/120°F

METHOD USED: TCC (liquid component)

FLAMMABLE LIMITS

LFL: Not Available

UFL: Not Available

EXTINGUISHING MEDIA: Use extinguishing media for surrounding fire. Use water spray to cool fire exposed containers and prevent bursting. Do not use a direct stream of water.

FIRE & EXPLOSION HAZARDS: Pressurized containers may burst if exposed to heat from a fire.

FIRE FIGHTING INSTRUCTIONS: Wear respiratory protection and protective clothing.

FIRE FIGHTING EQUIPMENT: Use spark-proof equipment.

SENSITIVITY TO MECHANICAL IMPACT: Contents under pressure. Protect against physical damage.

SENSITIVITY TO STATIC DISCHARGE: Not available.

SECTION VI. ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing. Follow applicable explosion and fire precautions during response. Stop the spill at the source when safe to do so. For large spills, dike the area to prevent spreading. Pump excess to a salvage container. Absorb residues and small spills with a non-flammable absorbent material and collect absorbate for disposal. For large quantities refer to the appropriate environmental agency. Avoid contamination of natural waterways.

SECTION VII. HANDLING AND STORAGE

Use with adequate ventilation. Avoid breathing vapors. Use food personal hygiene. Avoid smoking, eating and drinking during use. Wash with soap and water after handling. Containers of this material may contain hazardous residues when emptied. Do not cut, weld, drill or grind on or near this container. Contents under pressure. Never heat container. Never work on pressurized containers. Store in a cool, dry, well-ventilated area away from sources of ignition. Keep away from children. Storage temperature should not exceed 40°C/104°F. Do not store below 5°C/41°F. Keep from freezing.

SECTION VIII. PERSONAL PROTECTION / EXPOSURE CONTROLS

EYE PROTECTION: The use of safety glasses is recommended.

SKIN PROTECTION: The use of chemical resistant gloves is recommended for prolonged use.

RESPIRATORY PROTECTION: Use only in a well-ventilated area. If the TLV is exceeded or over exposure is likely, a NIOSH approved respirator is advised.

ENGINEERING CONTROLS: None known.

EXPOSURE GUIDELINE (S): Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in confined spaces or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, amber	PHYSICAL STATE:	Aerosol
BOILING POINT:	~100°C/~212°F (liquid component)	SOLUBILITY IN WATER:	Emulsifies
EVAPORATION RATE:	>1 (liquid component)	SPECIFIC GRAVITY:	~0.942 g/ml
FREEZING POINT:	Not available	VAPOR DENSITY:	>1 (liquid component)
MELTING POINT:	~0°C/~32°F	VAPOR PRESSURE:	>1.4 mm/Hg (liquid component)
MOLECULAR WEIGHT:	Not applicable	VISCOSITY:	Not applicable
ODOR:	Citrus, d-Limonene	% VOLATILE:	>86
pH:	~7.9		

SECTION X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI. TOXICOLOGICAL INFORMATION

EYE : Not Available
SKIN : Not Available
INHALATION: Not Available
INGESTION: Not Available
SUBCHRONIC : Not Available
CHRONIC / CARCINOGENICITY: Not available. Contains no known carcinogens.
TERATOLOGY : Not Available
REPRODUCTION : Not Available
MUTAGENICITY : Not Available
SENSITIZATION : Not Available

SECTION XII. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION : Not Available
DISTRIBUTION : Not Available
CHEMICAL FATE INFORMATION : Not Available

SECTION XIII. DISPOSAL CONSIDERATIONS

Contents under pressure. Do not puncture, incinerate or expose to heat, even when empty. Dispose of in accordance with local, state and federal regulations. Reuse or recycling should be given priority over disposal under any circumstances.

SECTION XIV. TRANSPORT INFORMATION (Not meant to be all inclusive)

D.O.T. SHIPPING NAME : Not Regulated - Consumer Commodity exemption as packaged.
CANADIAN TDG SHIPPING NAME: Not Regulated - Consumer Commodity exemption as packaged.
TECHNICAL SHIPPING NAME : Not Applicable
D.O.T. HAZARD CLASS : Not Applicable
U.N. / N.A. NUMBER : Not Applicable
PRODUCT RQ (LBS): Not Applicable
D.O.T. LABEL : Not Applicable
D.O.T. PLACARD : Not Applicable
FREIGHT CLASS BULK : Not Applicable
FREIGHT CLASS PACKAGE : Not Applicable
PRODUCT LABEL : Not Applicable

SECTION XV. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulation represented)

TSCA STATUS : All ingredients in this product are either on the inventory or are exempt from being listed.

CERCLA REPORTABLE QUANTITY : None known.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES : None

SECTION 311/312 HAZARDOUS CATEGORIES : Acute Hazard, fire hazard

SECTION 313 TOXIC CHEMICALS : None known.

RCRA STATUS : Not Applicable

CALIFORNIA PROPOSITION 65 : This product is not subject to the reporting requirements under California Proposition 65.

SECTION XVI. OTHER INFORMATION

MSDS STATUS:

Disclaimer: The information contained herein is based on data we believe to be reliable as of the date of preparation of this Material Safety Data Sheet. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products may be used. We assume no liability or responsibility for loss or damage resulting from the improper or abnormal use or handling of our products, from incompatible product combinations, from the failure to follow instructions and warnings in the product's label and Material Safety Data Sheet, or from any failure to adhere to recommended practices.