



MATERIAL SAFETY DATA SHEET

SPRAYPAK VANDAL MARK REMOVER

1. Product And Company Identification

Supplier

Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Aludia B. Hernandez
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

Manufacturer

Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Aludia B. Hernandez
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

Supplier Emergency Contacts & Phone Number

Chem-Tel: 1-800-255-3924

Manufacturer Emergency Contacts & Phone Number

Chem-Tel: 1-800-255-3924

Issue Date: 09/05/2007

Product Name: SPRAYPAK VANDAL MARK REMOVER

Chemical Name: 7-7785-2

CAS Number: Not Established

MSDS Number: 4132

Product Code: 433-4105-5

Product/Material Uses - Vandal Mark Remover

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
ALKANOLAMIDE	68603-42-9	
BUTANE	106-97-8	
BUTYL ACETATE	123-86-4	
D-LIMONENE	5989-27-5	
DIACETONE ALCOHOL	123-42-2	
DIMETHYL ADIPATE	627-93-0	
DIMETHYL GLUTARATE	1119-40-0	
ETHOXYLATED ALCOHOL	68002-97-1	
ETHYL ALCOHOL	64-17-5	
LIGHT AROMATIC NAPHTHA	64742-95-6	
PINE OIL	8002-09-3	
PROPANE	74-98-6	
PROPYLENE CARBONATE	108-32-7	
TOLUENE	108-88-3	5 - 10
TRIMETHYBENZENES	25551-13-7	5 - 10

Hazardous components, according to OSHA, are listed when present at 1.0% or greater. Carcinogens are listed when present at 0.1% or greater.



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3. Hazards Identification

Primary Routes(s) Of Entry - Ingestion (possible, but considered unlikely), eye contact, skin contact, inhalation.

Eye Hazards - Causes eye irritation.

Skin Hazards - Causes skin irritation.

Ingestion Hazards - Contains petroleum distillate, harmful if swallowed. If accidentally swallowed, do not induce vomiting. Call physician immediately. This is an aerosol product, ingestion is unlikely to occur.

Inhalation Hazards - Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea.

Chronic/Carcinogenicity Effects - Toluene and xylene have been associated with kidney and liver disorders. Contains less than 1.0 xylene. Contains less than 0.1% ethyl benzene; IARC has evaluated and classified ethyl benzene as a possible human carcinogen (group 2B) based on sufficient evidence of carcinogenicity in animals, but inadequate evidence for cancer in exposed humans. California's Proposition 65: "Warning: This product contains a chemical known to the State of California to cause cancer".

Teratogenicity (Birth Defects) - California's Proposition 65: "Warning: this product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm".

Reproductive Effects - Suspect reproductive hazard. Contains material which may cause birth defects, based on animal data. This product contains toluene.

Neurotoxicity - Not known

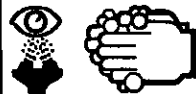
Mutagenicity (Genetic Effect) - Not known

Signs And Symptoms - Acute: Deliberate inhalation of concentrate vapor or mist may cause headaches, dizziness and nausea. Contact with skin causes irritation. Irritant to the eyes.

Conditions Aggravated By Exposure - May aggravate pre-existing skin, kidney, liver and respiratory disorders.

Conditions Aggravated By Overexposure - May aggravate pre-existing skin, kidney, liver and respiratory disorders.

First Aid (Pictograms)



4. First Aid Measures

Eye - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion - Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation - If overcome by vapor move victim to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Note To Physician - Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

5. Fire Fighting Measures

Flash Point: Not available °F Not available °C

Flash Point Method: Not available

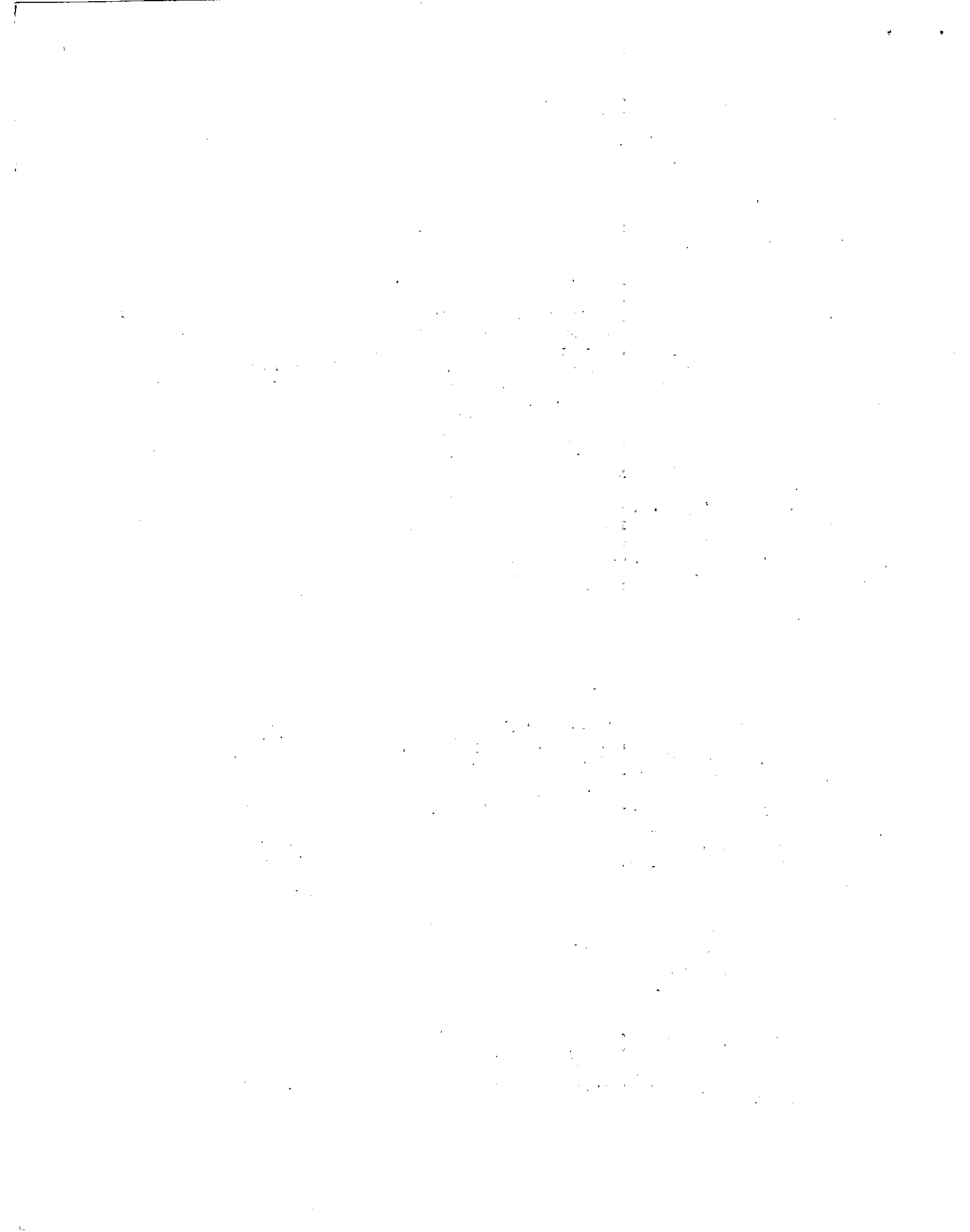
Lower Explosive Limit: Not available

Upper Explosive Limit: Not available

Fire And Explosion Hazards - This product is an aerosol product for which Flame Projection is over 16 in. with 6 in. flashback. Temperatures above 120 F may cause cans to burst.

Extinguishing Media - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

Fire Fighting Instructions - Water spray may be used to cool cans in the vicinity of fire or excessive heat.



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6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

Handling & Storage (Pictograms)



7. Handling And Storage

Handling And Storage Precautions - Store in a cool, dry place away from heat and open flame.

Handling Precautions - Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes. Keep out of reach of children.

Storage Precautions - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity). **AEROSOL STORAGE LEVEL III (NFPA-30B)**

Work/Hygienic Practices - Wash hands thoroughly after using this product.

Protective Clothing (Pictograms)



8. Exposure Controls/Personal Protection

Engineering Controls - Use with adequate general and local exhaust ventilation.

Eye/Face Protection - Conventional eyeglasses to guard against splashing.

Skin Protection - Rubber gloves required.

Respiratory Protection - Use in well-ventilated area ONLY. NIOSH-approved respirator recommended. **NOTICE:** Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly fitted respirator (NIOSH approved), or leave the area. **NOTE:** Follow respirator manufacturer's instructions carefully.

Ingredient(s) - Exposure Limits

BUTANE

ACGIH TLV-TWA 1000 ppm

BUTYL ACETATE

ACGIH TLV-STEL 200 ppm ; ACGIH TLV-TWA 150 ppm ; OSHA PEL-TWA 150 ppm

DIACETONE ALCOHOL

ACGIH TLV-TWA 50 ppm ; OSHA PEL-TWA 50 ppm

DIMETHYL ADIPATE

PEL (OSHA) - none established ; TLV (ACGIH) - none established

DIMETHYL GLUTARATE

PEL (OSHA) - none established ; TLV (ACGIH) - none established

ETHYL ALCOHOL

ACGIH TLV-TWA 1000 ppm ; OSHA PEL-TWA 1000 ppm

LIGHT AROMATIC NAPHTHA

50PPM Recommended by the manufacturer.

PROPANE

ACGIH TLV-TWA 1000 ppm ; OSHA PEL-TWA 1,000 ppm

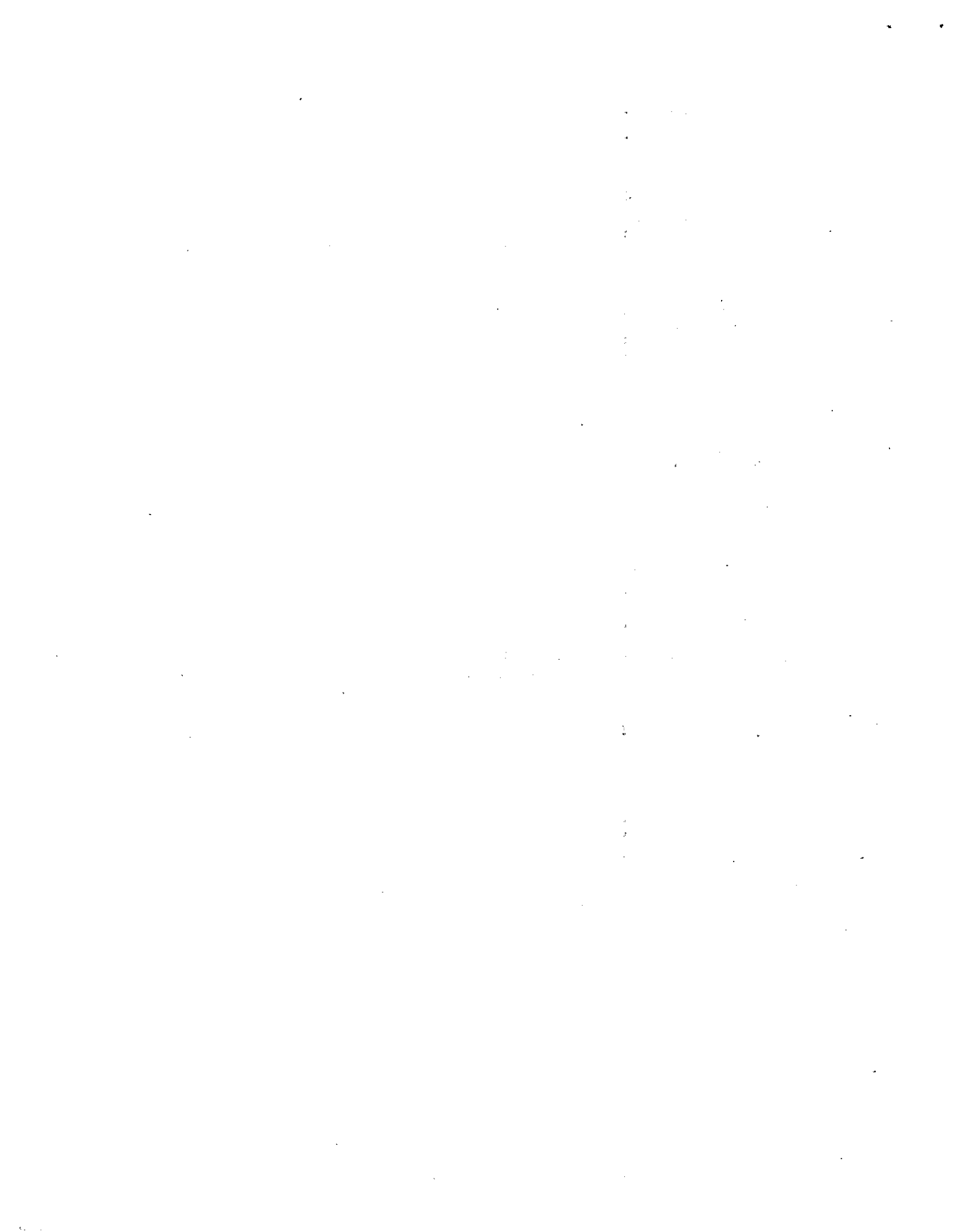
TOLUENE



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8. Exposure Controls/Personal Protection - Continued	
Ingredient(s) - Exposure Limits - Continued	
ACGIH TLV-TWA 50 ppm (Skin) ; OSHA PEL-CEILING 300 ppm ; OSHA PEL-PEAK 500 ppm OSHA PEL-TWA 200 ppm TRIMETHYBENZENES ACGIH TLV 25 ppm - TWA	
9. Physical And Chemical Properties	
<p>Appearance - Hazy, tan colored liquid. Odor - Petroleum solvent</p> <p>Chemical Type: Mixture Physical State: Liquid Melting Point: Not applicable °F Not applicable °C Boiling Point: Dimethyl Adipate/Glutarate 410-437 °F 210-225 °C Specific Gravity: 0.978 (+/-) 0.005 concentrate Percent VOCs: 49.68 pH Factor: NA Solubility: Insoluble Evaporation Rate: Faster than butyl acetate</p>	
10. Stability And Reactivity	
<p>Stability: Stable Hazardous Polymerization: Will not occur</p> <p>Conditions To Avoid (Stability) - Temperatures above 120 F Incompatible Materials - Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers. Hazardous Decomposition Products - Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon dioxide. Conditions To Avoid (Polymerization) - Temperatures above 120 F</p>	
11. Toxicological Information	
No Data Available...	
12. Ecological Information	
Ecotoxicological information - No specific ecological data is available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.	
13. Disposal Considerations	
Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.	
14. Transport Information	
<p>Proper Shipping Name - ORM-D Consumer Commodity</p> <p>Hazard Class 2.1</p> <p>DOT Identification Number UN1950</p>	



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14. Transport Information - Continued

DOT Shipping Label

Aerosol Consumer Commodity

15. Regulatory Information

U.S. Regulatory Information - All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard; Chronic Health Hazard; Fire Hazard

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA Section 313 Notification - This product contains the following toxic chemicals (above the *de minimis* level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material: Toluene, trimethylbenzenes. See section 2 for % amounts in the product.

Ingredient(s) - U.S. Regulatory Information

TOLUENE

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health Hazard; SARA - Fire Hazard

TRIMETHYBENZENES

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical; SARA - Acute Health Hazard; SARA - Chronic Health Hazard; SARA - Fire Hazard

Ingredient(s) - State Regulations

BUTANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

BUTYL ACETATE

New Jersey - Workplace Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

DIACETONE ALCOHOL

New Jersey - Workplace Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

ETHYL ALCOHOL

New Jersey - Workplace Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; California - Proposition 65; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

PINE OIL

New Jersey - Workplace Hazard; New York City - Hazardous Substance

PROPANE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

TOLUENE

New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Pennsylvania - Environmental Hazard; California - Proposition 65; Massachusetts - Hazardous Substance; New York City - Hazardous Substance




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15. Regulatory Information - Continued

Ingredient(s) - State Regulations - Continued

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	4								
REACTIVITY	1								
PERSONAL PROTECTION	B								

16. Other Information

Revision/Preparer Information

MSDS Preparer: Laura E. Radevski

MSDS Preparer Phone Number: 708-865-1000

This MSDS Supersedes A Previous MSDS Dated: 09/20/2004

Disclaimer

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Chase Products Co.

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