

# Material Safety Data Sheet

## Paradet

### Section 1. Chemical Product and Company Identification

**Product Name** Paradet  
**Product Number** BL0329  
**Product Use** Super Double Strength Degreaser  
**Supplier** Amax Industrial Products  
 P.O. Box 577  
 East Islip, NY 11730  
**Phone Number** 800-662-0023  
**D.O.T. Emergency Phone:** CHEM TEL (800) 255-3924

**Date of Preparation** June 10 2009 **Revision Number** 1.0

### Section 2. Hazards Identification

**Emergency overview** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**DANGER!**

Keep out of reach of children.  
 Keep container closed during storage.

**Potential Acute Health Effects** Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

**Routes of Entry** Eye Contact Ingestion. INHALATION Skin contact.

**Eyes** Corrosive to skin and eyes on contact. Eye contact can result in corneal damage.

**Skin** Skin contact may produce burns. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Inhalation** Harmful if inhaled.

**Ingestion** Irritating to mouth, throat and stomach. May cause headache, dizziness, nausea, vomiting and diarrhea.

**Medical conditions aggravated by exposure:** Repeated or prolonged exposure to the substance can produce blood disorders. Repeated or prolonged exposure to the substance can produce kidney damage. Repeated or prolonged exposure to the substance can produce liver damage. Repeated or prolonged exposure to the substance can produce nervous system damage.

**Potential Chronic Health Effects** Repeated or prolonged exposure to the substance can produce blood disorders. Repeated or prolonged exposure to the substance can produce kidney damage. Repeated or prolonged exposure to the substance can produce liver damage. Repeated or prolonged exposure to the substance can produce nervous system damage.

**Carcinogenic Effects** Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

#### Target organs

**Environmental effects**

### Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
2-Butoxyethanol	111-76-2	5 - 10	<b>ACGIH (United States).</b> TWA: 20 ppm <b>OSHA (United States).</b> TWA: 50 ppm	ORAL (LD50): Acute: 1746 mg/kg [Rat].
Sodium Metasilicate	6834-92-0	1 - 5	Not available.	Not available.
Sodium Hydroxide	1310-73-2	1 - 5	<b>OSHA (United States).</b> TWA: 2 mg/m <sup>3</sup>	ORAL (LD50): Acute: 140 mg/kg [Rat].
Sodium Xylene Sulfonate	1300-72-7	1 - 5	Not available.	ORAL (LD50): Acute: 650 mg/kg [Rat]. 5939 mg/kg [Mouse].
Dodecylbenzene Sulfonic Acid (DDBSA)	27176-87-0	1 - 5	Not available.	Not available.

### Section 4. First Aid Measures

<b>Eye Contact</b>	Hold eye open and rinse slowly and thoroughly with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor immediately for treatment advice.
<b>Skin Contact</b>	Rinse skin with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for further treatment advice.
<b>Inhalation</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration., preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.
<b>Ingestion</b>	Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person
<b>General Advice</b>	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
<b>Notes to Physician</b>	

### Section 5. Fire Fighting Measures

<b>Flammability</b>	No specific information is available in our database regarding the flammability of this product in presence of various materials.
<b>Fire Fighting Media and Instructions</b>	Non-flammable substance.
<b>Products of Combustion</b>	Not available.
<b>Special Remarks on Fire Hazards</b>	No additional remark.
<b>Special Remarks on Explosion Hazards</b>	
<b>Sensitivity to Mechanical Impact</b>	Not Available
<b>Sensitivity to Static Discharge</b>	Not Available
No additional remark.	
<b>Protection of Fire Fighters</b>	See special remarks on Fire Hazards

### Section 6. Accidental Release Measures

<b>Personal Precautions</b>	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
<b>Methods for Containment</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
<b>Environmental precautions</b>	See Methods for Containment
<b>Methods for Clean Up</b>	See Methods for Containment

### Section 7. Handling and Storage

<b>Precautions</b>	After handling, always wash hands thoroughly with soap and water. Avoid contact with skin and eyes.
<b>Incompatibility</b>	Strong acids. acids
<b>Storage</b>	Corrosive materials should be stored in a separate safety storage cabinet or room. Keep out of reach of children. For Institutional and Commercial Use

Keep out of reach of children.  
Keep container closed during storage. .

### Section 8. Exposure Controls/Personal Protection

#### Engineering Controls

**Personal Protection** Good general ventilation should be sufficient to control airborne levels.

**Eyes** Splash goggles.

**Body** Long Pants and Long Sleeves to avoid skin contact. No additional special protective clothing is required.

**Respiratory** Wear appropriate respirator when ventilation is inadequate.

**Hands** Gloves (impervious).

**Protective Clothing (Pictograms)**



#### Exposure Limits

##### 2-Butoxyethanol

TWA: 25 (ppm)

TWA: 50 (ppm) from OSHA (PEL)

Consult local authorities for acceptable exposure limits.

### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid.	<b>Odor</b>	Characteristic.
		<b>Color</b>	Green.
<b>Molecular Weight</b>	Not applicable.		
<b>pH</b>	12.5 to 13.5 [Basic.]		
<b>Boiling/Condensation Point</b>	215°F initial		
<b>Melting/Freezing Point</b>	Not available.		
<b>Critical Temperature</b>	Not available.		
<b>Instability Temperature</b>	Not available.		
<b>Specific Gravity</b>	1.04858 (Water = 1)		
<b>Vapor Pressure</b>	20mm Hg @ 68°F		
<b>Vapor Density</b>	>1 (Air = 1)		

<b>Volatility</b>	80
<b>VOC</b>	<0.1 lb per gallon (<0.5% by Weight At Dilution)
<b>Evaporation Rate</b>	<1 compared to Water
<b>Dispersion Properties</b>	See solubility in water.
<b>Solubility</b>	Easily soluble in cold water.
<b>The Product is:</b>	May be combustible at high temperature.
<b>Auto-ignition Temperature</b>	Not available.
<b>Flash Points</b>	CLOSED CUP: >98.889°C (210°F).
<b>Flammable Limits</b>	Not available.
<b>Fire Hazards in Presence of Various Substances</b>	No specific information is available in our database regarding the flammability of this product in presence of various materials.
<b>Explosion Hazards in Presence of Various Substances</b>	Not applicable

### Section 10. Stability and Reactivity Data

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	Strong acids. acids
<b>Hazardous Decomposition Products</b>	Not available.

### Section 11. Toxicological Information

#### Routes of Entry

<b>Toxicity to Animals</b>	Eye Contact Ingestion. INHALATION Skin contact.
<b>Acute Effects on Humans</b>	<b>WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE.</b> Acute oral toxicity (LD50): 1746 mg/kg [Rat]. (2-Butoxyethanol). Acute toxicity of the gas (LC50): 926 ppm 4 hour(s) [Mouse]. (2-Butoxyethanol).
<b>Eyes</b>	Corrosive to skin and eyes on contact. Eye contact can result in corneal damage .
<b>Skin</b>	Skin contact may produce burns. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
<b>Inhalation</b>	Harmful if inhaled.
<b>Ingestion</b>	Irritating to mouth, throat and stomach. May cause headache, dizziness, nausea, vomiting and diarrhea.
<b>Chronic Effects on Humans</b>	Repeated or prolonged exposure to the substance can produce blood disorders. Repeated or prolonged exposure to the substance can produce kidney damage. Repeated or prolonged exposure to the substance can produce liver damage. Repeated or prolonged exposure to the substance can produce nervous system damage.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.
<b>Special Remarks on Chronic Effects on Humans</b>	No additional remark.

## Section 12. Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>BOD5 and COD</b>	Not available.
<b>Products of Biodegradation</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
<b>Toxicity of the Products of Biodegradation</b>	Not available.
<b>Special Remarks on the Products of Biodegradation</b>	No additional remark.

## Section 13. Disposal Considerations

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste Stream</b>	Not available.

## Section 14. Transport Information

**DOT (U.S.A)  
(Pictograms)**



**TDG Classification**

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**PIN UN, Proper Shipping Name, PG** Shipping name: Corrosive liquids n.o.s. UNNA: 1760 PG: II

**Maritime Transportation** Not available.

**Special Provisions for Transport** Not available.

## Section 15. Other Regulatory Information and Pictograms

<b>Regulatory Lists</b>	SARA 313; 2-Butoxyethanol
<b>Other Regulations</b>	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
<b>Other Classifications</b>	<b>HCS (U.S.A.)</b> .HCS CLASS: Corrosive liquid.
<b>USA Regulatory Lists</b>	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm at or above Safe Harbor Levels unless specifically noted below.

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: 2-Butoxyethanol: immediate health hazard, delayed health hazard; Potassium Hydroxide: immediate health hazard  
 SARA 313 toxic chemical notification and release reporting: 2-Butoxyethanol

**DSD (EEC)** R35- Causes severe burns.

**International Regulations Lists** No products were found.

**Hazardous Material Information System (U.S.A.)**

	*	3	<b>National Fire Protection Association (U.S.A.)</b>
Flammability		0	
Physical Hazard		0	



Specific Hazard

**WHMIS (Classification)** WHMIS CLASS E: Corrosive liquid.



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

**Section 16. Other Information**

**Expiry date** 3 (Three Years) from the date of preparation indicated in Section 1

**Validated by** CRushton on 6/10/2009.

**Verified by** CRushton.

**Printed** 6/10/2009.

**Information Contact** Amax Industrial Products  
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 East Islip, NY 11730

Notice to Reader:

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.  
 Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

Validated on 6/10/2009.

**Paradet**