



# SAFETY DATA SHEET

## SECTION 1 - Chemical Product and Company Information

Product Name: MEDIUM FAST REDUCER (1G) Product Code: DPU820-1

Manufactured by:  
**Gemini Coatings**  
 2300 Holloway Drive  
 El Reno, OK 73036  
 800-262-5710

**24- Hour Emergency (Spill, Leak, Exposure or Accident):**  
**INFOTRAC 800-535-5053**  
**Outside USA, Call Collect 1-352-323-3500**

**24- Hour Emergency HAZMAT Response and MSDS Help:**  
**EMI 800-510-8510**

Product Use: A protective and/or decorative finish or accompanying product (reference label or product data sheet for more information).

Not recommended for: Any other use not detailed on product data sheet or label.

## SECTION 2 - Hazards Identification

### GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Carcinogen	2	Limited evidence of human or animal carcinogenicity

### GHS Hazards

H225	Highly flammable liquid and vapour
H316	Causes mild skin irritation
H319	Causes serious eye irritation
H351	Suspected of causing cancer

### GHS Precautions

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/mixers/equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P264	Wash any exposed skin thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention

P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	Get medical advice/attention
P370+P378	In case of fire: Use the NFPA Class B extinguisher for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations.

**Signal Word: Danger**



### SECTION 3 - Composition/Information on Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
n-Butyl acetate 123-86-4 70%	150 ppm TWA; 710 mg/m3 TWA	150 ppm STEL (listed under Butyl acetates, all isomers) 50 ppm TWA (listed under Butyl acetates, all isomers)	NIOSH: 150 ppm TWA; 710 mg/m3 TWA 200 ppm STEL; 950 mg/m3 STEL
2-Pentanone, 4-methyl- 108-10-1 30%	100 ppm TWA; 410 mg/m3 TWA	75 ppm STEL 20 ppm TWA	NIOSH: 50 ppm TWA; 205 mg/m3 TWA 75 ppm STEL; 300 mg/m3 STEL

### SECTION 4 - First Aid Measures

**Inhalation:**

Remove exposed individual to fresh air and assist breathing if necessary. Seek medical attention.

**Eye Contact:**

Flush eyes with lukewarm water for 15 minutes. Seek medical attention immediately.

**Skin:**

Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.

**Ingestion:**

Rinse mouth out immediately. Drink 1 or 2 glasses of water to dilute. DO NOT induce vomiting. Contact physician or poison control center immediately.

### SECTION 5 - Fire Fighting Measures

Alcohol Foam, CO2, Dry Chemical

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces. Never use welding or cutting torch on or near container (even empty) because product (even residue) may ignite explosively. Liquid and vapor states of this substance are dangerous fire hazards and moderate explosion hazards when exposed to heat or flame.

Oxidation may produce carbon and nitrogen oxides.

Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots and a positive pressure NIOSH-approved self-contained breathing apparatus. A water stream can scatter flames. A spray of water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

The National Fire Protection Association Class B extinguisher is designed to extinguish NFPA Class IB flammable

liquid fires.

### SECTION 6 - Accidental Release Measures

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways.

If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and pollution control agencies.

### SECTION 7- Handling and Storage

#### Handling:

Bond and ground metal containers when transferring liquid. Avoid free fall of liquid in excess of a few inches. Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this sheet must be observed.

#### Storage:

Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. DO NOT SMOKE in or near storage areas.

### SECTION 8 - Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
n-Butyl acetate 123-86-4	150 ppm TWA; 710 mg/m <sup>3</sup> TWA	150 ppm STEL (listed under Butyl acetates, all isomers) 50 ppm TWA (listed under Butyl acetates, all isomers)	NIOSH: 150 ppm TWA; 710 mg/m <sup>3</sup> TWA 200 ppm STEL; 950 mg/m <sup>3</sup> STEL
2-Pentanone, 4-methyl- 108-10-1	100 ppm TWA; 410 mg/m <sup>3</sup> TWA	75 ppm STEL 20 ppm TWA	NIOSH: 50 ppm TWA; 205 mg/m <sup>3</sup> TWA 75 ppm STEL; 300 mg/m <sup>3</sup> STEL

Use local exhaust as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors.

#### Respiratory Protection:

If exposure exceeds TLV or PELs, use NIOSH approved respirator to prevent overexposure.

#### Skin Protection:

Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact.

#### Eye Protection:

Wear splash proof goggles and face shield if there is a likelihood of contact with eyes.

#### Hygienic Practices

Wash hands thoroughly before eating or using the restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

### SECTION 9 - Physical and Chemical Properties

<b>Vapor Density</b> Heavier Than Air <b>Boiling range:</b> 114 - 126°C <b>Freezing point:</b> N/A <b>Flammability:</b> N/A	<b>Evaporation Rate</b> Faster than Butyl Acetate <b>Melting point:</b> N/A <b>Flash point:</b> 61°F, 16°C <b>Explosive Limits:</b> N/A
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<b>Autoignition temperature:</b> 425°C <b>Relative Density:</b> N/A <b>Odor threshold:</b> N/A <b>SPECIFIC GRAVITY</b> 0.8565 <b>Partition coefficient (n- N/A octanol/water):</b> <b>Grams VOC less water:</b> N/A <b>% WT. VOLATILE (VOC)</b> 100.0000 <b>Lbs VOC/Gallon Solids</b> 0.0000 <b>SOLIDS VOL%</b> 0.0000 <b>SPREAD @ 1 MIL</b> 0.0000 <b>Appearance</b> Clear Liquid <b>Physical State</b> Liquid <b>Coating VOC (g/l)</b> 854.6125 <b>Coating VOC (Lb/GI)</b> 7.1319	<b>Decomposition temperature:</b> N/A <b>Vapor Pressure</b> N/A <b>pH:</b> N/A <b>Solubility:</b> N/A <b>Viscosity:</b> N/A <b>% VOLUME VOLATILE (VOC)</b> 100.0000 <b>% Pig. by wt.</b> 0.0000 <b>VOLATILE WT%</b> 100.0000 <b>DENSITY (Lb/Gal)</b> 7.1319 <b>HAPS (lbs/gI)</b> 2.1396 <b>Odor</b> N/A <b>Material VOC (g/l)</b> 854.6125 <b>Material VOC (Lb/GI)</b> 7.1319
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**SECTION 10 - Stability and Reactivity**

**Stability:** Stable under normal conditions.

**Materials to Avoid:** Strong oxidizing agents, strong alkalines, strong mineral acids.

**Conditions to avoid:** high heat, sparks, flames, static discharge.

**Hazardous Decomposition:** Oxidation may produce carbon and nitrogen oxides.  
Hazardous polymerization will not occur.

**SECTION 11 - Toxicological Information**

**Mixture Toxicity**

Oral Toxicity LD50: 4,779mg/kg  
Inhalation Toxicity LC50: 514mg/L

**Component Toxicity**

123-86-4            n-Butyl acetate  
                         Inhalation LC50: 390 ppm (Rat)

108-10-1            2-Pentanone, 4-methyl-  
                         Oral LD50: 2,080 mg/kg (Rat)    Dermal LD50: 3,000 mg/kg (Rabbit)    Inhalation LC50: 2,000 -

**Primary Routes of Entry:** Inhalation, Skin Contact, Eyes, Ingestion

**Skin:**

Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, cracks, and dermatitis.

**Ingestion:**

Can cause vomiting, nausea, diarrhea, and gastrointestinal irritation.

**Inhalation:**

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache possible unconsciousness and even asphyxiation. High vapor concentrations or prolonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

**Eyes:**

Can cause irritation, redness, tearing and blurred vision.

**Carcinogenicity:** The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

CAS Number	Description	% Weight	Carcinogen Rating
108-10-1	2-Pentanone, 4-methyl-	30%	2-Pentanone, 4-methyl-: IARC: Possible human carcinogen OSHA: listed

### SECTION 12 - Ecological Information

**Ecological Information:**

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

**Component Ecotoxicity**

n-Butyl acetate	LC50 96 h Lepomis macrochirus 100 mg/L [static] (EPA); LC50 96 h Pimephales promelas 17 - 19 mg/L [flow-through] (EPA) EC50 72 h Desmodemus subspicatus 674.7 mg/L (IUCLID)
2-Pentanone, 4-methyl-	LC50 96 h Pimephales promelas 496 - 514 mg/L [flow-through] (EPA) EC50 48 h Daphnia magna 170 mg/L (IUCLID) EC50 96 h Pseudokirchneriella subcapitata 400 mg/L (IUCLID)

### SECTION 13 - Disposal Considerations

Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations. See Section 8 for information on exposure control and necessary personal protective equipment.

### SECTION 14 - Transportation Information

Ship according to the Department of Transportation (DOT) 49 CFR regulations.

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	PAINT	UN1263	II	3
<b>Freight Class: 55</b>				

### SECTION 15 - Regulatory Information

**Hazardous Material Information System (HMIS)**

HEALTH	<input type="checkbox"/> 2	<b>HMIS &amp; NFPA Hazard Rating Legend</b> * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY	3	
PHYSICAL HAZARD	0	
PERSONAL PROTECTION	<input checked="" type="checkbox"/> X	

### SECTION 16 - Disclaimer

Date Prepared: 11/19/2021

Date revised: 2015-05-04

Reviewer Revision 1

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