

MATERIAL SAFETY DATA SHEET

Product Name: DAG 154
Catalog Number: 60795G, 60795HG, 60795Q, 60795-5G
DOT Hazard Class: Flammable liquid
DOT Proper Shipping Name: Paint
UN/NA ID No. : UN 1263
MSDS Prepared: 9/2011

Distributed By: Ladd Research
83 Holly Court
Williston, VT 05495
(802) 658-4961

INGREDIENTS

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Isopropanol	67-63-0	60-100	400ppm TWA (OSHA PEL)
Graphite	7782-42-5	10-30	15mppcf TWA (OSHA PEL)
n-Butyl alcohol	71-36-3	1-5	100ppm TWA (OSHA PEL)
Propylene glycol methyl ether	107-98-2	1-5	100ppm TWA (ACGIH PEL)

PHYSICAL AND CHEMICAL DATA

Color: Black
Odor & Threshold: Alcohol odor. 7.5ppm threshold
Boiling Point: 82°C
Melting/Freezing Point: -88-8°C
Solubility in water: soluble
Viscosity: 200 – 800 cPs @ 25°C
Specific Gravity: 0.89
Bulk Density: 7.4 lb/gal
Evaporation Rate: 2.9 (n-Butyl acetate = 1)
Vapor Pressure: 33 mmHg
Vapor Density: 2.07 (air = 1)
Volatiles: 75 – 85 wt%
Volatile Organic Compounds: 710 g/liter

FIRE AND EXPLOSION HAZARD DATA

Autoignition: 398.8°C
Flash Point: 11.6°C (Tag Closed Cup)
LEL: 2.0% **UEL:** 12.0%
Extinguishing Media: Alcohol foam, water spray or fog, CO₂, dry chemical.
Special Firefighting Procedures: Wear a self-contained breathing apparatus and suitable protective clothing. Cool exposed equipment with water spray.
Fire and Explosion Hazards: Combustion will evolve toxic and irritant vapors. Vapor is heavier than air and may travel long distances to ignition source. May flash back

HEALTH HAZARD DATA

Eye: Will irritate eyes.
Skin: Repeated or prolonged contact may irritate skin.
Inhalation: May irritate the respiratory tract. Vapor has anesthetic properties and may result in

headache, fatigue, dizziness and incoordination.

Ingestion: May irritate mouth, throat and digestive tract. Aspiration into lungs may cause chemical pneumonitis.

EMERGENCY AND FIRST AID

Eye: Irrigate immediately for at least 15 minutes. Obtain Immediate medical attention.

Skin: Wash with soap and water.

Inhalation: Remove to fresh air. Obtain medical care if irritation persists.

Ingestion: DO NOT induce vomiting. Keep at rest. If patient is conscious, give water to dilute stomach contents. Obtain prompt medical attention.

REACTIVITY DATA

Stability: Stable under normal temperatures and pressures.

Materials to avoid: Strong oxidizers, aldehydes, strong acids

Conditions to avoid: High temperatures, oxidizing substances

Hazardous decomposition products: Oxides of carbon and miscellaneous hydrocarbons.

Reactivity: Can form peroxides on contact with air

SPILL, DISPOSAL AND STORAGE INFORMATION

Spill: Ventilate area. NIOSH approved respirator if required. Isolate source of leak. Contain spillage and pump up as much as possible. Absorb remaining product on sand, sawdust, etc. for landfill or incineration. Wash area with soap and water.

Disposal: Should be in accordance with local, state or federal regulations.

Storage: Store in a well-ventilated place away from heat, sources of ignition and direct sunlight. Storage should be in a cool place. The storage temperature should NEVER exceed 90°F

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Ventilation: Exhaust ventilation should be explosion-proof. Local exhaust should meet published exposure limits.

Eye: Safety goggles or face shield at minimum. Eyewash station should be available at handling points.

Gloves: neoprene or rubber recommended.

Respirator: Where suitable engineering controls are not available or are inadequate wear NIOSH approved respirator fitted with organic vapor cartridge(s).

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following components subject to the reporting requirements of SARA Section 313.

Isopropyl alcohol CAS [67-63-0]

n-Butyl alcohol CAS [71-36-3]

The information presented is believed to be correct and is the most accurate information available to us at this time. However, Ladd Research makes no warranty, express or implied, and assumes no liability for this information and the product described herein.