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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: 46YB CARBURETOR & PARTS CLEANER 3.5GAL
Item No: 82580
Product Type: Cleaner

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
2-BUTOXYETHANOL 111-76-2	15-25	20 ppm	50 ppm; 240 mg/m ³
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. 64742-94-5	15-25	Not listed	Not listed
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC 64742-95-6	10-20	5 mg/m ³ TWA ACGIH	Not listed
1,2,4-TRIMETHYLBENZENE 95-63-6	<10	25 ppm	Not listed
NAPHTHALENE 91-20-3	<5	10 ppm	10 ppm; 50 mg/m ³

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation. Intentional misuse by concentrating and inhaling the vapor may be harmful or fatal. Aspiration hazard if swallowed. Exposure to 2-butoxyethanol can cause nausea, dizziness, vomiting, malaise, incoordination, diarrhea, weakness, eye redness and swelling of conjunctiva. Prolonged exposure may cause liver and kidney effects and may affect the central nervous system. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as "solvent" or "painter's syndrome"). Symptoms include fatigue, concentration difficulties, anxiety, depression, rapid mood swings, and short-term memory loss.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation

Signs and Symptoms of Exposure: Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Ingestion may cause nausea and vomiting. Overexposure may cause eye and skin redness.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
2-BUTOXYETHANOL 111-76-2	15-25	male rat-no evidence; female rat-equivocal evidence; male mice- some evidence; female mice-some evidence	A3	Group 3; Monograph 88, 2006
NAPHTHALENE 91-20-3	<5			Group 2B; Monograph 82 (2002)

Medical Conditions Recognized as Being Aggravated by Exposure: Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.

Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point °F(C°):	137° F (58°C) TCC
Recommended Extinguishing Media:	Carbon Dioxide, Dry Chemicals, Foam.
Special Fire-Fighting Procedures:	Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
Hazardous Products of Combustion:	Oxides of carbon
Unusual Fire/Explosion Hazards:	Closed containers may rupture or explode when exposed to extreme heat.
Lower Explosive Limit:	1%
Upper Explosive Limit:	11%

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
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7. HANDLING AND STORAGE

Storage:	Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).
Handling:	Avoid prolonged skin contact. Keep away from eyes. Do not inhale vapors. Do not take internally. Do not use near heat, sparks or open flame. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Safety glasses.
Skin:	Neoprene or nitrile gloves recommended.
Ventilation:	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection:	An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber liquid
Odor:	Solvent
Boiling Point:	N/D
pH:	Does not apply
Solubility in Water:	Slight
Specific Gravity:	0.94
VOC(Wt.%):	41%
Vapor Pressure:	677 mmHg @ 38°C
Vapor Density (Air=1):	4.7
Evaporation Rate:	0.1 (butyl acetate = 1)

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at normal conditions
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Strong oxidizers
Conditions to Avoid:	Keep away from heat, sparks and open flame.
Hazardous Products of Combustion:	Oxides of carbon

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:	Disposal should be made in accordance with federal, state and local regulations..
US EPA Waste Number:	D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Ground Transport (DOT)

DOT Shipping Name: Unrestricted
Hazard Class: None
UN/ID Number: None

IATA

Proper Shipping Name: Do Not Ship By Air
Class or Division: Not applicable
UN/ID Number: Not applicable

IMDG

Proper Shipping: Flammable liquid, n.o.s., (Naphtha, 2-butoxyethanol)
Hazard Class: Class 3 PGIII
UN Number: UN 1993

Marine Pollutant: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

2-BUTOXYETHANOL, NAPHTHALENE, 1,2,4-TRIMETHYLBENZENE

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 2, REACTIVITY 0.

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 2, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

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