

# MATERIAL SAFETY DATA SHEET

## SECTION I

Manufacturer's Name: Star brite Distributing, Inc. Information Phone: 954-587-6280  
4041 S. W. 47 Avenue Emergency Phone: 800-424-9300 or 703-527-3887 (Chemtrec)  
Ft. Lauderdale, FL 33314 Date: June 18, 2005

Trade Name: Star brite Windshield Washer Fluid -10° Product No. 31005, 31005G55

Chemical Family: Alcohol Formula: CH<sub>3</sub>H<sub>2</sub>O

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES & SOLVENTS %	TLV (Units)	ALLOYS AND METALLIC COATINGS	% TLV (Units)
PIGMENTS		BASE METAL	
CATALYST		ALLOYS	
VEHICLE		METALLIC COATINGS	
SOLVENTS Methanol	27.78%	200ppm FILLER METAL PLUS COATING OR CORE FLUX	
ADDITIVES		OTHERS	
OTHERS			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES			% TLV (Units)

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	180°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	.9565
VAPOR PRESSURE (mm Hg)	41.5 at 20 C	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	1.11	EVAPORATION RATE (Butyl Acetate)	5.8
SOLUBILITY IN WATER	COMPLETE		
APPEARANCE AND ODOR	Clear Blue Liquid with an Alcoholic Odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) 94° F TCC FLAMMABLE LIMITS LeI 6.0 UeI 56.5

EXTINGUISHING MEDIA: Water Spray, Carbon Dioxide, Dry Chemical, Alcohol or Universal Foam

SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA and Full Protective Clothing. Approach with Caution: Burns with an invisible flame.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 200 pom (skin) AGCIH, 1981 and OSHA CFR 29 para, 1910.1000 Table Z-1

EFFECT OF OVEREXPOSURE: Inhalation of vapors causes local irritation of the eyes, headache, fatigue and drowsiness in high concentrations. Serious poisoning will occur if swallowed.

EMERGENCY AND FIRST AID PROCEDURES: If swallowed, give 1 Tablespoon of salt in a glass of warm water and repeat until vomit is clear. Give 2 TSP of baking soda in water. EYE AND SKIN CONTACT: Flush with water for 15 minutes. Call a Physician.

SECTION VI - REACTIVITY DATA

STABILITY UNSTABLE ( ) CONDITIONS TO AVOID: Heat, sparks and open flames  
STABLE (X)

INCOMPATIBILITY (Materials to Avoid): Alkali metals, concentrated nitric and sulfuric acids, aldehydes and chlorides  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION: MAY OCCUR ( )  
WILL NOT OCCUR (X)

CONDITIONS TO AVOID:

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- 1. Eliminate all sources of ignition
- 2. Wear protective clothing
- 3. Small spills may be flushed with plenty of water. Larger spills collect for disposal

WASTE DISPOSAL METHOD: Incineration in a furnace where permitted by Federal, State and Local Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): Under 2%-Canister type face mask, Self Contained Breathing Apparatus

VENTILATION: LOCAL EXHAUST SPECIAL:  
MECHANICAL (General): Forced Draft OTHER:

PROTECTIVE GLOVES: Polyethylene, Neoprene EYE PROTECTION: Safety glasses  
OTHER PROTECTIVE EQUIPMENT: Eye Bath and Safety Shower

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

- 1. Keep containers closed.
- 2. Store away from all sources of ignition.
- 3. NO NOT TAKE INTERNALLY: POISON.
- 4.

OTHER PRECAUTIONS: 1. Avoid prolonged or repeated exposure to vapors. Do not get on skin.

SECTION X – TRANSPORTATION

Call for information.