

**Furbish Chemical**  
501 Raspberry Rd.

**Anchorage, AK 99518**  
**Emergency: 800-255-3924**

**MATERIAL SAFETY DATA SHEET**

**SECTION I. IDENTIFICATION OF PRODUCT**

**Identity:** FURBISH GLO KLEEN      **MSDS Number:** 5804      **DATE:** 6-90  
**TOXICITY:** 1      **FIRE:** 0      **REACTIVITY:** 0      **PROTECTION:** B

**SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Name	CAS Number	PEL	TL	
	NON HAZ	25 ppm (skin)	25ppm	70-80
N-METHYL-2-PYROLIDONE	872-50-4		(skin)	1-5
TRIETHYL AMINE	121-44-8			1-5
DIETHYLENE GLYCOL BUTYL ETHER	112-34-5			1-5

(skin)

**SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> 212 F	<b>Specific Gravity:</b> 1.04	<b>Vapor Pressure:</b> 25mm	<b>Melting Point:</b> ND
<b>Vapor Density:</b> (Air = 1):	<b>Evaporation: (H<sub>2</sub>O=1):</b> 1	<b>Water Solubility:</b> DILUTABLE	<b>pH @ 77 F:</b> 0.0

**Appearance and Odor:** Clear, blue liquid, cucumber odor.

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point (TCC):</b> 200F	<b>LEL:</b> N/E	<b>UEL:</b> N/E	<b>Flammable Limits:</b> N/E
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**Extinguishing Media:** WATER SPRAY FOR DRIED FILM

**Special Fire Fighting Procedures:** CLOSED CONTAINERS EXPOSED TO EXTREME HEAT MAY RUPTURE DUE TO PRESSURE BUILD-UP.

**Unusual Fire and Explosion Hazards:** PRODUCT MAY SPATTER WHEN TEMPERATURE EXCEEDS BOILING POINT. POLYMER FILM CAN BURN.

**SECTION V. HEALTH HAZARD DATA**

**Route(s) of Entry:** INHALATION? YES EYES? Yes SKIN? Yes INGESTION? YES

**(Acute) Health Hazards:**

**Eyes:**

**Skin:**

**Ingestion:**

**Inhalation:**

**(Chronic) Health Hazards:**

**Signs and Symptoms of Exposure:**

**Eyes:** SUBSTANTIALLY IRRITATING TO EYES

**Skin:** SLIGHTLY IRRITATING TO SKIN

**Ingestion:** GIVE TWO GLASSES OF WATER TO DRINK. SEE A DR. IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**Inhalation:** VAPOR OR MIST CAN IRRITATE NOSE AND THROAT AND CAUSE DIZZINESS OR NAUSEA.

**Medical Conditions Generally Aggravated by Exposure:**

**Emergency and First Aid Procedures:**

**Eyes:** FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

**Skin:** WASH AFFECTED AREA WITH SOAP AND WATER.

**Ingestion:**

**Inhalation: MOVE TO FRESH AIR. CONSULT A DR. IF RESPIRATORY DISTRESS IS NOT RELIEVED.**

#### **SECTION VI. TOXICITY DATA**

**Carcinogenicity:** NTP? IARC MONOGRAPHS? OSHA REGULATED?

**Oral:**

**Dermal:**

**Inhalation:**

#### **SECTION VII. REACTIVITY DATA**

**Stability: Stable**

**Incompatibility (Materials to Avoid):**CONTAMINATION WITH STRONG ACIDS CAN CAUSE COAGULATION.

**Hazardous Decomposition Byproducts:** THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE AND POSSIBLY OXIDES OF NITROGEN.

#### **SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be Taken in Case Material is Released or Spilled:**

**Small Spills: WIPE UP AND RINSE SPILL AREA.**

**Large Spills:** HALT SPILL AT SOURCE IF POSSIBLE; COLLECT SPILLS WITH ABSORBANT MATERIAL; REMOVE CONTAMINATED ABSORBANT TO SUITABLE CONTAINERS; HOLD FOR PROPER DISPOSAL. FLUSH SPILL AREA WITH WATER TO REMOVE ANY RESIDUE.

**Disposal:** INCINERATE AT APPROVED WASTE FACILITY IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

**Handling and Storing:** STORE BETWEEN 40-110F. PROTECT FROM FREEZING. KEEP AWAY FROM FIRE AND OPEN FLAME. DO NOT LEAVE CONTAINERS OPEN.

**Other Precautions:**

#### **SECTION IX. CONTROL MEASURES**

**Respiratory Protection:** NON REQUIRED AS PRODUCT IS NORMALLY USED. IF HIGH CONCENTRATIONS OF SPRAY OR MIST ARE GENERATED, USED APPROVED NIOSH/MSHA RESPIRATOR.

**Ventilation:** LOCAL EXHAUST

**Local Exhaust:** YES

**Mechanical (General):**

**Special:** N/A

**Other:** N/A

**Protective Gloves:** NEOPRENE

**Eye Protection:** SPLASH GOGGLES

**Other Protective Clothing or Equipment:** N/A

**Work/Hygienic Practices:** The recommendations described in this section are provided as general guidance For minimizing exposure when handling this product. Because use conditions Will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the INTENDED use conditions and equipment.

#### **SECTION X. DOT INFORMATION**

Not Regulated

#### **SECTION XI. MISCELLANEOUS INFORMATION**

**SARA 313:**

**Notice:** All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guaranty as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not Applicable

S - May Be Absorbed Through Intact Skin

ND - No Data Available