



**MATERIAL SAFETY
DATA SHEET**

Health:	1
Flammability:	1
Reactivity:	0
Personal Protection:	B

WinKool 3808
Water Soluble Metal Working Fluid

SECTION 1

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Win Solutions, Inc.
109 Pine Street
Lexa, AR 72355

Telephone Number: (800) 489-0470
Fax Number: (870) 572-9696

EMERGENCY TELEPHONE NUMBERS

Win Solutions, Inc. (800) 489-0470 Normal Business Hours
CHEM-TEL (800) 255-3924 After Business Hours

<u>PRODUCT NAME:</u>	WinKool 3808	<u>DATE CREATED:</u>	11/12/09
<u>CHEMICAL NAME:</u>	N/A	<u>DATE LAST REVISED:</u>	
<u>TRADE NAMES / SYNONYMS:</u>			
<u>CHEMICAL FAMILY:</u>	Water Soluble Metal Working Fluid		

SECTION 2

COMPOSITION, INFORMATION ON INGREDIENTS

<u>A. Hazardous Ingredients:</u>	<u>Percentage</u>	<u>Exposure Limits</u>
Severely Hydrotreated Heavy Napthenic		
Petroleum Oil	≤ 85	OSHA PEL (oil mist) 5 mg/m ³
(CAS # 64742-52-5)		ACGIH TLV (oil mist) 5 mg/m ³
		ACGIH STEL (oil mist) 10 mg/m ³

<u>B. Other Ingredients:</u>	<u>Percentage</u>	<u>Exposure Limits</u>
NONE	Balance	None Established

C. Proprietary Trade Secret:

Each proprietary trade secret material listed above in Section 2 A is either:
(1) Held a trade secret from Win Solutions, Inc.,
(2) Below 0.1% if potential carcinogenic,
(3) OSHA non-hazardous material or less than 1.0% if OSHA hazardous material.

SECTION 3

HAZARDS IDENTIFICATION

***** **EMERGENCY OVERVIEW** *****

CAUTION: Harmful if inhaled and may cause delayed lung injury. Can cause nervous system depression. Aspiration hazard if swallowed - can enter lungs and cause damage. Keep away from heat and flame. Avoid

breathing vapor. Use ventilation adequate to keep vapor below recommended exposure limits. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

POTENTIAL HEALTH EFFECTS:

EYES:

SHORT TERM EFFECTS: Test on similar materials suggest no more than minor irritation if any.

INGESTION:

SHORT TERM EFFECTS: Possible aspiration hazard. Test on similar materials indicate the possibility of the following symptoms: headache, nausea, drowsiness, and diarrhea.

INHALATION:

SHORT TERM EFFECTS: Possible aspiration hazard. Test on similar materials indicate the possibility of the following symptoms: respiratory irritation and/or discomfort.

SKIN:

SHORT TERM EFFECTS: Test on similar materials suggest no more than minor irritation if any.

ADDITIONAL DATA:

None Known

PRIMARY ROUTE(S) OF ENTRY

Skin and Inhalation of Oil Mist

CHRONIC INFORMATION:

Prolonged and/or repeated contact with this material may produce skin, respiratory tract and eye irritation.

CARCINOGEN STATUS:

OSHA: No
NTP: No
IARC: No
ACGIH: No

This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Personnel with pre-existing skin and respiratory tract disorders should avoid contact with this product.

SECTION 4

FIRST AID MEASURES

EYES:

Flush eyes immediately with water for a minimum of 15 minutes occasionally lifting lower and upper lids. Get medical attention promptly.

INGESTION:

Call a physician immediately. Do Not induce vomiting except at the instruction of a physician. Never give anything by mouth to an unconscious person.

INHALATION:

Not likely to occur except as a mist. Remove patient to fresh air and consult a physician. If breathing is difficult, give oxygen. If not breathing give artificial respiration.

SKIN:

Wash skin thoroughly with soap and water. Immediately remove contaminated clothing and launder before reuse. If irritation or rash develops, obtain medical assistance.

NOTE TO PHYSICIAN:

Not Applicable for this product.

SECTION 5**FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES**

FLASH POINT:	>260 ^O F	>127 ^O C (Tagged Closed Cup)
AUTO IGNITION:	>490 ^O F	>254 ^O C
FLAMMABILITY CLASS:	IIIB	
LOWER EXPLOSIVE LIMIT (%):	0.7 %	
UPPER EXPLOSIVE LIMIT (%):	6.0 %	

FIRE AND EXPLOSION HAZARDS:

Slightly combustible, OSHA / NFPA Class IIIB Combustible Liquid. If heated above the flash point will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to ignition source. Mists or sprays may be flammable below normal flash point. Keep away from extreme heat or open flame. Do not store with strong oxidizers.

EXTINGUISHING MEDIA:

Dry Chemical, Carbon Dioxide, Water Spray, Fog, Mist or Foam.

CAUTION: Water stream may spread fire.

For larger fires, use Water Spray, Fog, Mist or Foam.

(1996 Emergency Response Guidebook, RSPA P 5800.6)

FIRE FIGHTING INSTRUCTIONS:

Use water spray only to cool containers exposed to flame. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors.

HAZARDOUS PRODUCTS OF COMBUSTION:

Fumes, heavy smoke and carbon monoxide.

SECTION 6**ACCIDENTAL RELEASE MEASURES****OCCUPATIONAL SPILL:**

General: Shut off all ignition sources; no flares, smoking or flames in hazard area. Use personal protective equipment.

For small spills; Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

For large spills; Keep unnecessary people away; isolate hazard area and deny entry. Dike far ahead of spill.

Contain spill from entering waterways or sewers. Stay upwind and out of low areas. Advise EPA, state agencies if required.

REPORTABLE QUANTITY (RQ): NONE

The Superfund Amendments and Reauthorization Act (SARA) Section 304 requires that a release equal to or greater than the reportable quantity for this substance be immediately reported to the local emergency planning committee and the state emergency response commission (40 CFR 355.40). If the release of this substance is reportable under CERCLA Section 103, the National Response Center must be notified immediately at (800) 424-8802 or (202) 426-2675 in the metropolitan Washington, D.C. area (40 CFR 302.6).

SECTION 7

HANDLING AND STORAGE

HANDLING AND STORAGE:

Observe all federal, state and local regulations when storing this substance.

BONDING AND GROUNDING:

This product **DOES NOT** meet the following requirements.

Substances with low electroconductivity, which may be ignited by electrostatic sparks, should be stored in containers which meet the bonding and grounding guidelines specified in NFPA 77-1983, Recommended Practice on Static Electricity.

SENSITIVITY TO (SHOCK) IMPACT:

Not Applicable with this product.

HANDLING AND STORAGE PRECAUTIONS:

Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. NFPA Class IIIB storage. Store away from incompatible substances. Wash thoroughly after handling.

WORK / HYGIENIC PRACTICES:

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take a shower after work if general contact occurs. Remove soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

SECTION 8

EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS:

Use adequate ventilation to keep mists of this material below applicable standard(s). See Section on occupational exposure limits.

EYE / FACE PROTECTION:

Safety glasses, splash goggles or face shield as appropriate. Have suitable eye water wash available.

SKIN PROTECTION:

Avoid prolonged and / or repeated skin contact. If prolonged contact cannot be avoided, wear protective impervious gloves and clothing. Acceptable materials for gloves are neoprene; nitrile; viton; or other material resistant to petroleum oils.

RESPIRATORY PROTECTION:

Normally not required if adequate ventilation is in place. If occupational exposure limits are exceeded wear NIOSH / MSHA approved apparatus. Up to 25 mg/m³ half face mask organic vapor respirator. Greater than 50 mg/m³, fire fighting, or unknown concentration, self contained breathing apparatus with positive pressure.

OTHER / GENERAL PROTECTION:

If there is a likelihood of splashing, an oil resistant clothing should be worn. Never wear soaked clothing. Launder or dry clean before wearing. Discard oil soaked shoes. Affix warning labels on containers in accordance with 29 CFR 1910.1200 (Hazard Communication Standard).

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & DESCRIPTION:

Light amber viscous liquid.

ODOR:

Light bland petroleum

BASIC PHYSICAL PROPERTIES:

PHYSICAL STATE:	Liquid
FLASH POINT:	>260 ^O F >127 ^O C (Open Cup ASTM D92)
AUTO IGNITION:	>490 ^O F >254 ^O C
BOILING POINT:	IBP > 500 ^O F IBP > 260 ^O C
VAPOR DENSITY:	12 Air = 1
SPECIFIC GRAVITY:	0.94 Water = 1.0
WATER SOLUBILITY:	Emulsifies in water
pH:	essentially neutral of concentrate (1 to 20 mix 8.3)
VISCOSITY:	Not determined

SECTION 10

STABILITY AND REACTIVITY

STABILITY AND REACTIVITY:

Stable under normal conditions, temperatures and pressures.

CONDITIONS TO AVOID:

Avoid sources of ignition.

INCOMPATIBLE MATERIALS:

Strong oxidizers, acids, and alkalis.

HAZARDOUS DECOMPOSITION'S PRODUCTS:

Thermal combustion may produce carbon monoxide and other asphyxiants.

HAZARDOUS POLYMERIZATION:

Hazardous polymerization has not been reported to occur under normal conditions. temperatures and pressures.
Polymerization will not occur.

SECTION 11

TOXICOLOGICAL INFORMATION

IRRITATION DATA:

EYE EFFECTS

May cause no more than minor irritation if any, on contact.

SKIN EFFECTS

May cause irritation or dermatitis with prolonged and repeated contact.

ACUTE ORAL (INGESTION) EFFECTS

Test on similar materials indicate possible irritation, nausea or diarrhea.

ACUTE INHALATION EFFECTS

Possible aspiration hazard. Acute toxicity expected on inhalation of concentrations that exceed the recommended exposure standard.

SYSTEMIC (ORGAN) EFFECTS DATA:

Does Not contain component(s) which causes systemic effects in studies.

TERATOLOGY (BIRTH DEFECTS) DATA:

Does Not contain component(s) which causes birth defects in studies.

CARCINOGENIC EFFECTS

This product or any of the ingredients in this product is not listed as a carcinogenic or a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA.

SECTION 12**ECOLOGICAL INFORMATION****ENVIRONMENTAL IMPACT RATING (0-4):**

No data available

ACUTE AQUATIC TOXICITY:

No data available

LOG BIOCENTRATION FACTOR (BCF):

No data available

LOG OCTANOL / WATER PARTITION COEFFICIENT:

No data available

SECTION 13**DISPOSAL CONSIDERATIONS**

Observe and follow all federal, state, and local regulations. If "used" RCRA criteria must be determined. Do not flush to drain or storm sewer. Contract to authorized disposal service. If permitted incineration may be practical. Consider recycling.

SECTION 14**TRANSPORTATION INFORMATION****U.S. DOT SHIPPING NAME:**

Not Applicable

U.S. DOT HAZARD CLASS:

Not applicable

U.S. DOT IDENTIFICATION NUMBER:

Not Applicable

U.S. DOT PACKING GROUP NUMBER:**Not Applicable****U.S. DOT EMERGENCY GUIDE NUMBER:**

Not Applicable

U.S. DOT LABELING REQUIREMENTS:

None

This product is not regulated by DOT

49 CFR 172.101

SECTION 15**REGULATORY INFORMATION****U.S. FEDERAL REGULATORY INFORMATION:****SARA 302 (40CFR 355.3) Threshold Planning Quantity:** Not Applicable**SARA 304 (40CFR 355.40) Reportable Quantity:** Not Applicable**SARA 311 (40CFR 370.21) Categories:****Immediate (Acute) Health Effects:** Yes**Delayed (Chronic) Health Effects:** Yes**Fire Hazard:** Yes (Slightly Combustible)**Sudden Release of Pressure Hazard:** No**Reactivity Hazard:** No**SARA 313 (40CFR 372) Supplier Information:**

No chemicals in this product exceed the De Minimus reporting level established by SARA Title III, Section 313 and 40CFR 372.

OSHA (29CFR 1910.119) Process Safety No**EPA Hazard Classification Code:** Not Applicable**EPA / TSCA Inventory:**

All components of this product that are required to be on the TSCA inventory are listed on the inventory.

TSCA SECTION 103 (b) EXPORT NOTIFICATION: Not Applicable**(CERLA) SECTION 103 (40CFR302.4) Comprehensive****Environmental Response, Compensation and Liability Act):** Not Applicable

SECTION 16**OTHER INFORMATION****NFPA HAZARD RATING:**

HEALTH: 1 Slight **FIRE:** 1 Slight **REACTIVITY:** 0 Minimal **SPECIFIC HAZARD:**
HAZARDOUS MATERIALS IDENTIFICATION LABELING (HMIS):

HEALTH: 1 Slight **FIRE:** 1 Slight **REACTIVITY:** 0 Minimal **PERSONAL PROTECTION:** B

The information contained in this Material Safety Data Sheet has been prepared based upon data believed to be reliable, an evaluation of the ingredients in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be reliable and reflects our best professional judgment. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for his / her particular purpose(s). It is furnished to our customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his employees are properly informed and advised of all safety precautions required. The information is furnished for compliance with the "Occupational Safety and Health Act" of 1970, the "Hazards Communication Act" of 1983 as well as various other Federal, State and Local regulations. Use or dissemination of all or part of this information for any other purpose is prohibited by law.