

# Safety Data Sheet

WinKool 2108

## SECTION I - IDENTIFICATION



Win Solutions, Inc.

109 Pine Street

Lexa, AR 72355

(800) 489-0470

ChemTel, Inc. :..... (800) 255-3924

**Product Number** WK2108  
**Product Name** WinKool 2108  
**Chemical Family** Water Soluble Metalworking Fluid  
**CAS Number** 64742-52-5  
**Date Prepared** 7/28/2015  
**Revision Number**

## SECTION II - HAZARDOUS IDENTIFICATION

### GHS CLASSIFICATION:

#### Classification

Sensitization, Respiratory

Category 1

Not a Hazardous Substance or Mixture

No Hazards

### GHS LABEL:



### Hazard Statements

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled

NC Not a Hazardous Substance or Mixture

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## Precautionary Statements

NC	Not a Hazardous Substance or Mixture
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P285	In case of inadequate ventilation wear respiratory protection.
P304+341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P342+311	Call a POISON CENTER or doctor/physician.
P501	Dispose of contents/container to an approved waste disposal plant.

## SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Severely Hydrotreated Naphthenic Oil	64742-52-5	<90%	5 mg/m <sup>3</sup> (Oil Mist)	5 mg/m <sup>3</sup> (Oil Mist)

## SECTION IV - FIRST AID MEASURES

**Contact with eyes:** Flush with water for 15 minutes. Seek immediate medical attention.

**Skin contact:** Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

**Inhalation:** Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

**Ingestion:** If swallowed. Do not induce vomiting. Seek immediate medical attention.

## SECTION V - FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Water fog, foam, CO<sub>2</sub>, dry chemical.

**Special Fire Fighting Procedures**

**Unusual Fire Fighting Hazards:**

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## SECTION VI - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Keep all sources of ignition and hot metal surfaces away from spill or release.

Evacuate all unprotected personnel from the area.

**Environmental Precautions:** Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

**Methods for Cleaning Up:** Take up with absorbent material and place in containers for later disposal.

## SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
  - NFPA Class III B storage.
  - Store out of direct sunlight and in a cool, well-ventilated area.
  - Wash thoroughly after handling.
  - Do not redistribute empty containers.

## SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

### EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Severely Hydrotreated Naphthenic Oil	64742-52-5	5 mg/m <sup>3</sup> (Oil Mist)	5 mg/m <sup>3</sup> (Oil Mist)

**Engineering Controls:** Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

**Monitoring:** Follow accepted work practices for handling a flammable material.  
Wash hands prior to eating, drinking or using the restroom.  
Any clothing or shoes which became contaminated with the product should be removed immediately and thoroughly laundered before wearing again.

### Personal Protective Equipment (PPE)

**Eye Protection:** Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

**Skin Protection:** Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur.

**Respiratory Protection:** Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

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## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Brown Viscous Liquid
<b>Odor</b>	Light Petroleum Odor
<b>pH@25°C</b>	<9.0
<b>Melting/Freezing Point</b>	N/A
<b>Flashpoint</b>	>320°F >160°C (Open Cup)
<b>Specific Gravity</b>	0.95
<b>Solubility</b>	Soluble (Emulsifies)
<b>Auto-Ignition Temperature</b>	>650 F >343 C
<b>Decomposition Temperature</b>	N/A
<b>VOC Content</b>	N/A
<b>Odor Threshold</b>	N/A
<b>Boiling Range</b>	>526°F >274°C
<b>Evaporation Point</b>	N/A
<b>Flammable Limits - Upper</b>	N/A
<b>Flammable Limits - Lower</b>	N/A
<b>Vapor Pressure</b>	N/A
<b>Vapor Density (Air=1)</b>	12
<b>Viscosity</b>	N/A

## SECTION X - STABILITY AND REACTIVITY

<b>Stability:</b>	Stable, under normal conditions of storage and handling.
<b>Conditions to Avoid:</b>	Extreme heat and ignition sources. Strong oxidizing agents Prolonged exposure to humid atmosphere
<b>Hazardous Decomposition/Byproducts:</b>	Oxides of carbon and various hydrocarbons under extreme fire conditions.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Polymerization Conditions to Avoid:</b>	None
<b>Incompatibilities:</b>	Stong oxidizers Sodium hypochlorite or calcium hypochlorite.

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## SECTION XI - TOXICOLOGICAL INFORMATION

**Likely Route of Exposure:** Contact and inhalation; ingestion possible.

**Inhalation:** Low to moderate degree of toxicity by inhalation.

**Eye Contact:** This material can cause significant eye irritation.

**Skin Contact:** Repeated contact can lead to skin sensitization.

**Ingestion:** Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.

### Toxicity:

Component Name	LD50	LC50
Severely Hydrotreated Naphthenic Oil	Oral - rat - > 5000 mg/kg ; Dermal - rabbit - > 5000 mg/kg	Inhalation - rat - >5 mg/l / 4 h

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

## SECTION XII - ECOLOGICAL INFORMATION

**Ecotoxicity:** Information not available.

**Mobility:** Information not available.

**Degradability:** Information not available.

**BioAccumulation:** Information not available.

## SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Observe all federal, state and local regulations.

## SECTION XIV - TRANSPORT INFORMATION

### DOT SHIPPING INFORMATION

**Proper Shipping Name:** Not DOT Regulated

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**Contains:** N/A  
**Hazard Class and Label:** N/A  
**Identification Number:**  
**Packaging Group:** N/A

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:**..... The components of this product are listed on the TSCA Inventory

### SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

### SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
N/A	X	N/A	N/A	N/A

### SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

### CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

### CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

## SECTION XVI - OTHER INFORMATION

**HMIS Health:** ..... 0  
**HMIS Flammability:** ..... 1  
**HMIS Reactivity:** ..... 0

**Additional:** The information contained in this SDS 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 judgement. 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 purpose or for the consequence of its use. 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/her employee's are properly informed and advised of all safety precautions required. Use or dissemination of all or part of this information for any other purpose is prohibited by law.

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