Safety Data Sheet

Section 1: Identification

Product Identifier/Name **WOCOFORM 2000**

Product code ▪ 10616

Relevant identified uses of the substance or mixture and uses advised against

Recommended use ▪ Oil based metalworking fluid

Restrictions on use ▪ For intended industrial use only

Details of the supplier of the safety data sheet

Manufacturer ▪ Wallover Oil Company
21845 Drake Road
Strongsville, OH 44149
United States
www.wallover.com

Telephone (General) ▪ (440) 238-9250

Emergency telephone number ▪ CHEMTREC: 800-424-9300 (in the U.S.), (+1) 703-527-3887 (outside the U.S.)

Section 2: Hazard Identification

Classification of the substance or mixture

In accordance with 29 CFR 1910.1200 OSHA HCS 2012

Aspiration hazard Category 1

Skin Irritant Category 3

Label elements

Signal word ▪ DANGER

Hazard symbol

Hazard statements May be fatal if swallowed and enters airways

Causes mild skin irritation

Precautionary statements

Prevention ▪ Not applicable

Response ▪ IF SWALLOWED: Immediately call a POISON CENTER or doctor for appropriate medical advice. Do NOT induce vomiting.

▪ If skin irritation occurs: Get medical advice/attention.

Storage ▪ Store locked up.

Disposal ▪ Dispose of contents and container in accordance with local and national regulations.

Hazards not otherwise classified ▪ Not applicable

Other hazards ▪ None determined

Section 3: Composition/Information on Ingredients

Substances ▪ Not applicable

Mixtures

Hazardous Components

Chemical Name	%(Wt.)	CAS #
Petroleum hydrocarbon with viscosity less than 20.5 cSt @ 40° C.		

The chemical identity and/or exact percentage of compositon has been withheld as a trade secret or is due to batch variation.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation ▪ Move victim to fresh air if adverse effects are observed.

Skin ▪ IF ON SKIN: Wash skin with soap and water. Remove contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Eye ▪ IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion ▪ Do NOT induce vomiting. Seek medical attention.

Most important symptoms and effects

Acute ▪ Direct contact with product concentrate may cause eye irritation.

Delayed ▪ Prolonged/repeated exposure may cause mild skin irritation in susceptible individuals.

Indication of any immediate medical attention and special treatment needed

Note to Physician ▪ All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media ▪ Regular foam, carbon dioxide, dry chemical.

Unsuitable Extinguishing Media ▪ Avoid the use of streaming water, as this may spread the fire.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards ▪ No unusual hazard noted. Treat as oil fire.

Hazarous Combustion Products ▪ Smoke, soot, fumes or vapors, oxides of: carbon.

Special Protective Equipment and Precautions for Firefighters ▪ Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA). Water spray may be used to cool containers exposed to fire.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions ▪ Wear appropriate protective equipment including respiratory

protection as conditions warrant. Do not touch or walk through spilled material.

Environmental precautions
- Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Recover free liquid for recycle or disposal. Add absorbant to spill area. LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

Section7: Handling and Storage

Precautions for safe handling

Handling
- Do not mix or store with strong oxidants. Wash hands thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.

Conditions for safe storage, including any incompatibilities

Storage
- Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep away from open flame and incompatible materials.

Incompatible Materials
- Strong oxidizing agents.

General Industrial Hygiene Considerations
- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating or drinking. Safety shower and eye wash should be available close to work station.

Environmental Exposure Controls
- Follow best practice for site management and disposal of waste. Avoid release to the environment.

Section 8: Exposure Controls/Personal Protection

Exposure Contols

PEL/TLV

Ingredient	OSHA (PEL)	ACGIH (TLV)	Other
Oil mist, mineral	5mg/M3	5mg/M3	STEL 10mg/M3

Engineering Measures/Controls
- Use adequate mechanical (general) ventilation or local exhaust as needed to control concentration of airborne contaminants below applical exposure limit values.

Personal Protective Equipment

Pictograms

Respiratory
- Not necessary under conditions of normal use. In case of insufficient ventilation, wear suitable respiratoy equipment if exposure limits are exceeded.

Eye/Face
- Wear safety glasses or goggles.

Hands
- Wear protective gloves- neoprene, butyl or nitrile rubber with cuffs.

Skin/Body
- Where extensive dermal exposure may be expected, either a chemical suit or chemical apron will be needed.

Section 9: Physical and Chemical Properties

Information on physical and chemical properties

Appearance	Transparent yellow oily liquid
Odor	Low odor
Odor Threshold	Not determined
pH	Not applicable
Melting Point/Freezing Point	Not determined
Boiling Point	Not determined
Flash Point	285^{o}F min., COC
Evaporation Rate	Nil
Flammability (solid, gas)	Not applicable
Flammability Limits	Not determined
Vapor Pressure	Nil
Vapor Density (Air=1)	>1
Specific Gravity/Relative	0.85
Solubilities	Soluble in most petroleum products. Insoluble in water.
Octanol/Water Partition coefficient	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	10.7 cSt @40^{o}C

Section 10: Stability and Reactivity

Reactivity	▪ No dangerous reaction known under conditions of normal use.
Chemical stability	▪ Stable under normal temperatures and pressures.
Possibility of hazardous reaction	▪ Not determined
Conditions to avoid	▪ Not determined
Incompatible materials	▪ Do not mix with strong oxidants.
Hazardous decomposition products.	▪ None known under normal use.

Section 11: Toxicological Information

Information on the likely routes of exposure; symptoms; and acute, delayed and chronic effects

Inhalation	▪ Overexposure to mists or vapors may irritate respiratory tract. May be fatal if swallowed and enters airways.
Aspiration hazard	▪ If swallowed can be aspirated into the lungs and cause chemical pneumonia, varying degrees of pulmonary injury or death.
Ingestion	▪ Ingestion of concentrate may cause gastrointestinal irritation. Do not induce vomiting. Vomiting may increase the risk of product aspiration.
Eye	▪ Direct contact with concentrate may cause mild eye irritation based on component information.
Skin corrosion/irritation	▪ Prolonged/repeated exposure to concentrate may cause mild skin irritation in some individuals.

Numerical measures of toxicity

Acute toxicity	Not Classified
Skin corrosion/irritation	Contains 1.6% materials, Category 2; may cause skin irritation.

Serious eye damage/irritation	Not Classified
Respiratory or skin sensitization	Not Classified
Germ cell mutagenicity	Not Classified
Carcinogenicity	Not Classified
Reproductive toxicity	Not Classified
STOT-single exposure	Not Classified
STOT-repeated exposure	Not Classified
Aspiration hazard	This product is classified as an Aspiration hazard, Category 1.

Carcinogenicity
- Not listed in NTP, OSHA, or IARC monographs.

Additional Information

- Practical experience has not demonstrated any adverse effects with normal use of this product.
- Contains petroleum oil, which if misted in excess at exposure limits may cause respiratory irritation, coughing, and extreme overexposure may cause oil pneumonitis.

Section 12: Ecological Information

Toxicity
- Not determined.

Persistence and degradability
- Not determined.

Bioaccumulative potential
- Not determined.

Mobility in Soil
- Not determined.

Other adverse effects
- Oil spills are generally hazardous to the environment.

Section 13: Disposal Considerations

Waste treatment methods

Product waste
- Do not discard into any sewers, on the ground, or any body of water.
- Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
- This product, as manufactured in its present state, is not considered to be a hazardous waste according to 40CFR 261.4(b)(4). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This product should be recycled if possible, otherwise it should be disposed of in accordance with all applicable federal, state, and local regulations.

Contaminated containers or packaging
- Contaminated containers should be offered for professional cleaning before reuse.
- Dispose of spent container in accordance with local, regional, national, and/or international regulations.

Section 14: Transport Information

UN Number
- Not regulated for transport

UN Proper Shipping Name
- Not applicable

Transport Hazard Class(es)
- Not applicable

Packing Group
- Not applicable

Environmental Hazards	▪ Not determined
Transport in Bulk	▪ Not regulated
Special Precautions for user	▪ None specified

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Global Chemical Inventories

USA	All components of this material are on the US TSCA Inventory or are exempt.
Other TSCA Reg.	Not determined.
Australia	Not determined.
Canada	Not determined.
China	Not determined.
EU	Not determined.
Japan	Not determined.
Korea	Not determined.
New Zealand	Not determined.
Switzerland	Not determined.

Other U.S. Federal Regulations

SARA Ext. Haz. Subst.
- This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

SARA Section 313
- This product does not contain greater than 1.0% (> 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

EPCRA 311/312 Hazard Categories

Aspiration hazard
Skin Irritant

CERCLA Hazardous Substances
- None known

FDA Approval
- Not applicable

State Regulations

California Propositon 65
- This product does not contain any Proposition 65 chemicals.

Section 16: Other Information

HMIS Ratings

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

NFPA Ratings

Health	1
Flammability	1
Reactivity	0

Acronyms/Abbreviations

- **NTP**- National Toxicology Program Report on Carcinogens (latest edition)
- **IARC**- International Agency for the Research on Cancer
- **TSCA**- Toxic Substance Control Act

Revision Date: 9/12/2018 Replaces: 6/1/2015

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.