



# SAFETY DATA SHEET

## 1. Identification

**Product identifier**                      **FOX<sup>TM</sup> GOLD HV**  
METALWORKING OIL

**Other means of identification**

**SDS No.**                                      Not applicable

**Recommended use of the chemical and restrictions on use**

**Recommended use**                      METALWORKING OIL

**Restrictions on use**                      Not available.

**Details of manufacturer or importer**

**Manufacturer**

**Company name**                      CIMCOOL® Korea Inc  
**Address**                                      255, Gongdan-ro, Onsan-eup, Ulju-gun, Ulsan, Korea  
**Telephone**                                  +82-52-239-2333  
**Emergency telephone number (Korea CHEMTREC)**                      003-0813-2549

**Importer / Supplier**

**Company name**                      CIMCOOL® Korea Inc  
**Address**                                      C/- DuBois Chemicals Australia Pty Ltd  
305 Frankston Dandenong Road  
Dandenong South VIC 3175  
Australia

**Telephone (General Information)**                      + 61 3 9768 3860  
**Emergency Telephone Number (Australia)**                      131 126 (Poison Information Centre)  
**Emergency Telephone Number (Australia CHEMTREC)**                      + 61 2 9037 2994

## 2. Hazard(s) identification

**Classification of the hazardous chemical**

**Physical hazards**                              Not classified.  
**Health hazards**                                Not classified.  
**Environmental hazards**                      Not classified.

**Label elements, including precautionary statements**

**Hazard symbol(s)**                              None.  
**Signal word**                                      None.  
**Hazard statement(s)**                              The mixture does not meet the criteria for classification.  
**Precautionary statement(s)**  
**Prevention**                                      Observe good industrial hygiene practices.  
**Response**    Wash hands after handling.  
**Storage**    Store away from incompatible materials.  
**Disposal**    Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards which do not result in classification**                      None known.

**Supplemental information**

53.57% of the mixture consists of component(s) of unknown acute oral toxicity. 53.57% of the mixture consists of component(s) of unknown acute dermal toxicity. 52.08% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. Repeated exposure may cause skin dryness or cracking.

Container vapor space may contain hydrogen sulfide. May cause respiratory irritation.

**3. Composition/information on ingredients****Mixture**

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
CHLORINATED PARAFFINS, C14-17	85535-85-9	30 - < 40
DISTILLATES, (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	5 - < 10
PENTENE, 2,4,4-TRIMETHYL-, SULFURIZED	68515-88-8	1 - < 3
Other components below reportable levels		50 - < 60

The exact percentages of hazardous ingredients have been withheld as a trade secret.

**4. First-aid measures****Description of necessary first aid measures**

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist. Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin contact</b>	Rinse skin with water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth thoroughly. Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

**Personal protection for first-aid responders** If exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance.

**Symptoms caused by exposure** Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Medical attention and special treatment** Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

**5. Fire-fighting measures****Extinguishing media**

<b>Suitable extinguishing media</b>	Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for fire fighters** Wear suitable protective equipment.

**Fire fighting equipment/instructions** Move containers from fire area if you can do so without risk.

**Hazchem code** 3Z

**General fire hazards** No unusual fire or explosion hazards noted.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Wear appropriate personal protective equipment. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
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<b>For emergency responders</b>	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.
<b>Environmental precautions</b>	Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.
<b>Methods and materials for containment and cleaning up</b>	<p>Local authorities should be advised if significant spillages cannot be contained. The product is immiscible with water and will spread on the water surface. Prevent entry into waterways, sewer, basements or confined areas. Clean up in accordance with all applicable regulations.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p>

## 7. Handling and storage

<b>Precautions for safe handling</b>	Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in tightly closed container. If frozen, product may separate. Thaw completely at room temperature and stir thoroughly prior to use. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls and personal protection

<b>Control parameters</b>	Follow standard monitoring procedures.
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### Occupational exposure limits

#### ACGIH

#### Components

#### Type

#### Value

DISTILLATES,  
(PETROLEUM),  
HYDROTREATED HEAVY  
PARAFFINIC (CAS  
64742-54-7)

TWA

5 mg/m3

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash fountain and emergency showers are recommended.

### Individual protection measures, for example personal protective equipment (PPE)

#### Eye/face protection

Do not get in eyes. Wear safety glasses with side shields (or goggles). Eye wash fountain is recommended.

#### Skin protection

##### Hand protection

Nitrile gloves are recommended.

##### Other

Wear suitable protective clothing.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

### Hygiene measures

When using, do not eat, drink or smoke. Do not get in eyes, on skin, on clothing. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

#### Physical state

Liquid.

#### Form

Liquid.

#### Color

Not available.

#### Odor

CHEMICAL

<b>Odor threshold</b>	Not available.
<b>pH</b>	Not Applicable
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	356 °F (180 °C) Cleveland Open Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.

#### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.

<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.

#### Solubility(ies)

<b>Solubility (water)</b>	Insoluble in Water
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<b>Partition coefficient (n-octanol/water)</b>	Not available.
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<b>Auto-ignition temperature</b>	Not available.
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<b>Decomposition temperature</b>	Not available.
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<b>Viscosity</b>	32 mm <sup>2</sup> /s @ 40° C
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#### Other physical and chemical parameters

<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
<b>Specific gravity</b>	0.988

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
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<b>Chemical stability</b>	Material is stable under normal conditions.
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<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
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<b>Conditions to avoid</b>	Contact with incompatible materials. May react with corroding cast, gray, nodular, or other high iron containing swarf or chips to form potentially hazardous levels of hydrogen sulfide.
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<b>Incompatible materials</b>	Acids. Oxidizing agents.
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<b>Hazardous decomposition products</b>	Smoke, fumes, hydrogen chloride, and oxides of carbon
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## 11. Toxicological information

#### Information on possible routes of exposure

<b>Inhalation</b>	Based on available data, the classification criteria are not met.
<b>Skin contact</b>	Based on available data, the classification criteria are not met.
<b>Eye contact</b>	Based on available data, the classification criteria are not met.
<b>Ingestion</b>	Based on available data, the classification criteria are not met.

<b>Symptoms related to exposure</b>	Direct contact with eyes may cause temporary irritation.
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#### Acute toxicity

Components	Species	Test Results
CHLORINATED PARAFFINS, C14-17 (CAS 85535-85-9)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg
<b>Oral</b>		
LD50	Rat	> 2000 mg/kg
DISTILLATES, (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC (CAS 64742-54-7)		
<u>Acute</u>		
<b>Dermal</b>		
<i>Liquid</i>		
LD50	Rabbit	> 5000 mg/kg
<b>Inhalation</b>		
<i>Dust</i>		
LC50		> 5 mg/l
<b>Oral</b>		
<i>Liquid</i>		
LD50	Rat	> 5000 mg/kg
PENTENE, 2,4,4-TRIMETHYL-, SULFURIZED (CAS 68515-88-8)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rat	> 5000 mg/kg
<b>Oral</b>		
LD50	Rat	3264 mg/kg
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.	
<b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
	Oil /Distillate meets the EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.	
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.	
<b>Specific target organ toxicity - single exposure</b>	Not classified.	
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Not an aspiration hazard.	
<b>Other information</b>	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.	

## 12. Ecological information

Ecotoxicity	Very toxic to aquatic life with long lasting effects.		
Components	Species		Test Results
CHLORINATED PARAFFINS, C14-17 (CAS 85535-85-9)			
Aquatic			
Acute			
Crustacea	EC50	Daphnia magna	0.006 mg/l, 48 hours
Fish	LC50	Fish	> 5000 mg/l, 96 hours

Components	Species		Test Results
PENTENE, 2,4,4-TRIMETHYL-, SULFURIZED (CAS 68515-88-8)			
Aquatic			
Acute			
Fish	LC50	Fish	> 100 mg/l, 96 hours

**Persistence and degradability** No data is available on the degradability of this product.

#### Bioaccumulative potential

##### Partition coefficient

##### n-octanol / water (log Kow)

CHLORINATED PARAFFINS, C14-17 7, @ 20°C

DISTILLATES, (PETROLEUM), HYDROTREATED HEAVY 3.9 - 6

PARAFFINIC

PENTENE, 2,4,4-TRIMETHYL-, SULFURIZED > 6

**Mobility in soil** The product is immiscible with water and will spread on the water surface.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

**Disposal methods** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Residual waste** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

#### ADG

**UN number** 3082  
**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CHLORINATED PARAFFINS, C14-17)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III  
**Environmental hazards** Yes  
**Hazchem code** 3Z  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### RID

**UN number** 3082  
**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CHLORINATED PARAFFINS, C14-17)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Label(s)** 9  
**Packing group** III  
**Environmental hazards** Yes  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### IATA

**UN number** 3082  
**UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (CHLORINATED PARAFFINS, C14-17)  
**Transport hazard class(es)**  
**Class** 9  
**Subsidiary risk** -  
**Packing group** III  
**Environmental hazards** Yes  
**ERG Code** 9L  
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### Other information

**Passenger and cargo aircraft** Allowed with restrictions.

**Cargo aircraft only** Allowed with restrictions.

#### IMDG

**UN number** 3082

**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CHLORINATED PARAFFINS, C14-17), MARINE POLLUTANT

#### Transport hazard class(es)

**Class** 9

**Subsidiary risk** -

**Packing group** III

#### Environmental hazards

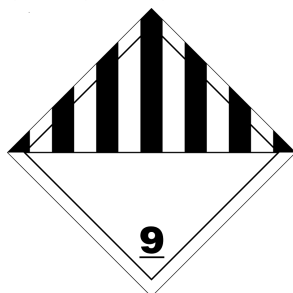
**Marine pollutant** Yes

**EmS** F-A, S-F

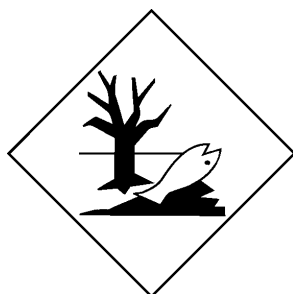
**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

**ADG; IATA; IMDG; RID**



**Marine pollutant**



**General information**

IMDG Regulated Marine Pollutant.

## 15. Regulatory information

### Safety, health and environmental regulations

#### National regulations

This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals.

#### Australia Medicines & Poisons Appendix A

Poisons schedule number not allocated.

#### Australia Medicines & Poisons Appendix B

Poisons schedule number not allocated.

#### Australia Medicines & Poisons Appendix D

Poisons schedule number not allocated.

#### Australia Medicines & Poisons Appendix E

Poisons schedule number not allocated.

#### Australia Medicines & Poisons Appendix F

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix G**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix H**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix I**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix J**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Appendix K**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 10**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 2**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 3**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 4**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 5**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 6**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 7**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 8**

Poisons schedule number not allocated.

**Australia Medicines & Poisons Schedule 9**

Poisons schedule number not allocated.

**High Volume Industrial Chemicals (HVIC)**

CHLORINATED PARAFFINS, C14-17 (CAS 85535-85-9) 1000 - 9999 TONNES See the regulation for additional information.

DISTILLATES, (PETROLEUM), HYDROTREATED 1000 - 9999 TONNES See the regulation for additional information.  
HEAVY PARAFFINIC (CAS 64742-54-7)

**Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)**

Not listed.

**National Pollutant Inventory (NPI) substance reporting list**

Not listed.

**Prohibited Carcinogenic Substances**

Not regulated.

**Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)**

Not listed.

**Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)**

Not listed.

**Restricted Carcinogenic Substances**

Not regulated.

**International regulations****Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.



## International Inventories

Country(s) or region	Inventory name	On inventory or exempt (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other information

**Issue date** 06-24-2015

**Revision date** 03-08-2022

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Revision information** Composition / Information on Ingredients: Ingredients  
Physical & Chemical Properties: Multiple Properties  
Regulatory Information: Safety Phrases