



## MATERIAL SAFETY DATA SHEET (MSDS)

### SECTION 1 - Identity

**Product:** *N'viro Gold All* – Environment friendly Cutting Fluid formulated for all applications, without harming the environment

Available in:-

- 500 ml cans, 5 litre cans , 25 litre drums, 200 litre drums,
- Aerosol spray 300ml
- Cream 500ml tub
- Wax 500ml tub

Manufactured under licence by Fuloos cc T/A Duncan Macdonald & Co, Telephone: +27 11 444 4345/6/7/8/9

### SECTION 2 – Composition of Ingredients

*N'viro Gold All* - does not contain chlorinated solvents or harmful chemicals, consists of Vegetable Esters and selected Animal fats.

#### 30 Spectrometric analyses reported in parts per million

Magnesium	< 1
Zinc	<1
Boron	<1
Chloride	< 1
Phosphorous	<7
Sulphur content	1.4% on Mass

### SECTION 3 – Hazardous Identification

**Primary Routes of Entry:** Skin, Eye, Ingestion, Inhalation.

**Signs & Symptoms of exposure:**

**Inhalation:** High levels of mist may cause irritation to respiratory system  
**Skin:** Contact may cause irritation  
**Eye:** May cause irritation  
**Ingestion:** May cause gastrointestinal irritation  
**Acute:** None Known  
**Chronic:** None Known

### SECTION 4 – First Aid Measures

**Eyes:** Flush eyes with water for at least 15 minutes  
**Skin:** May be removed by washing with soap and warm water.  
**Inhalation:** Expose individual to fresh air.  
**Ingestion:** Do not induce vomiting, contact physician immediately.

For skin or eye contact, see a physician/optometrist if irritation develops

**In all cases contact physician immediately**



### SECTION 5 – Fire Fighting Measures

**Flammable:** Yes—OHS Class III B  
**Flash point Close Cup Method:** 245°C  
**Extinguishing Media:** Foam CO<sub>2</sub>, Dry Chemical, Sand  
**Special Fire Fighting Procedures:** Water or foam may cause frothing if directed into containers of burning liquid, Fire fighters should wear protective clothing, adhere to all OHS regulations.

### SECTION 6 – Accidental Release Measures

**If material is spilled:** Depending on quantity of spill, add solid absorbent, shovel or scoop into disposal container and hose or wash down area, wear protective clothing.

**Personal Precautions:**

**Respiratory Protection:** Wear protective clothing.  
**Ventilation:** Wear protective clothing.  
**Protection gloves:** Wear protective clothing.  
**Eye Protection:** Wear protective clothing.  
**Additional Clothing:** Wear properly soled shoes to avoid slipping.

**N'viro Gold All**

Version Nr.3 - Amended

1 August 2018

Version Nr.2 - April 2013

Version Nr.1 - August 2012

**Environmental Precautions:** Dispose of in accordance with local, state, and federal regulations, adhere to all OHS regulations.

## SECTION 7 – Handling and Storage

**Handling:** Wear mask in areas of misting. Wear properly soled shoes to avoid slipping.  
**Storage:** Store away from flame, fire, and excessive heat.  
**Other Precautions:** Do not cut, puncture, or weld on or near empty containers.

## SECTION 8 – Exposure Controls/Personal Protection

**Eye Protection:** Safety goggles / glasses to guard.  
**Skin Protection:** Neoprene/Rubber gloves, option.  
**Respiratory Protection:** Not normally needed, wear mask in misting areas  
**Ventilation:** Not normally needed, local exhaust to prevent misting if necessary  
**Additional Clothing:** Apron, optional against splash



## SECTION 9 – Exposure Controls/Personal Protection

**Physical State:** Liquid  
**Appearance:** Yellow / Gold  
**Odor:** Tea Tree  
**Viscosity in cSt @40°C** 41.5  
**Solubility in Water:** Insoluble  
**Flash point Close Cup Method:** 245°C  
**Density:** 25°C (0.925 g/cm)  
**pH:** approx. 6.6  
**Vapor Density:** Heavier than air  
**Solubility in water:** Not soluble

## SECTION 10 – Stability and Reactivity

**Stability:** Stable at ambient temperature.  
**Conditions to Avoid:** Temperatures exceeding 245°C, or open flame  
**Incompatibility:** Strong oxidizing agents  
**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will Not Occur

## SECTION 11 – Toxicological Information

**Positive Teratogen / Mutagen / Carcinogen (NTP):** No data available  
**Potential Carcinogen OSHA / IARC:** No data available

**Overall Toxicity:** 0  
**Flammability:** 1

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Flammability Aerosol only	3
Destructive to Eyes/Skin:	0
Absorbed through Skin:	1
Sensitizer:	0
Self-reactive:	0

## SECTION 12 – Ecological Information

**Disposals:** Recyclable as a natural product, biodegrading is expected; observe all Government, Provincial/State, and Municipal Laws & Regulations

## SECTION 13 – Disposal Considerations

**Waste Disposal Method(s):** Dispose of in accordance with local, state, and Government regulations.

**Water Disposals:** observe all Government, Provincial/State, and Municipal Laws and Regulations

## SECTION 14 – Transport Considerations

**Consumer commodity:** Not Required

## SECTION 15 – Regulatory Information

### VEGETABLE ESTERS

Sunflower Oil CAS-8001-21-6, EC Nr 232-273-9

Castor Oil CAS-8001-79-4, EC Nr 232-293-8

Soya Bean Oil CAS-8013-07-8, EC Nr 232-274-4

Palm oil CAS-8002-75-3, EC Nr 297-113-2

**TRIGLYCERIDES OF ANIMAL ORIGIN** CAS-8016-28-2, EC Nr 232-405-5

**Melaleuca oil** CAS-68647-73-4, EC Nr 285-377-1

## SECTION 16 – Disclaimer

To the best of our knowledge, the information contained herein is accurate and is provided in good faith to comply with applicable laws, however, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution, although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.