

# SAFETY DATA SHEET



## CYCLO® FOAMING MAX CLEAN ALL PURPOSE CLEANER

Version 3.5 Revision Date: 04/10/2024 SDS Number: 600000001242 Date of last issue: 04/09/2024  
Date of first issue: 04/02/2015

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### SECTION 1. IDENTIFICATION

Product name : CYCLO MAX CLEAN ALL PURP CLNR 12/18 FOZ

Product code : C392

#### Manufacture or supplier's details

Company Name of Supplier : Niteo Products, LLC  
Address : 720 Vaiden Dr, Hernando, MS 38632  
Email : EHS@niteoproducts.com  
Phone Number : +1 (844) 696-4836  
Australian Importer : Cyclo Chemicals Australia  
Address : 2/19 Technology Circuit Hallam 3803  
Email : sales@cycloaustralia.com  
Phone Number : +61 3 9702 4314  
Website : www.cycloaustralia.com.au  
Poison Information : Ph 13 11 26

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

Recommended use : CLEANER

Restrictions on use : Use only outdoors or in a well-ventilated area.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29CFR 1910.1200)

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Butane	106-97-8	>= 1 - < 5
2-Butoxyethanol	111-76-2	>= 1 - < 5
Propane	74-98-6	>= 1 - < 5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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**SECTION 4. FIRST AID MEASURES**

General advice : No hazards which require special first aid measures.

If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of skin contact : If on clothes, remove clothes.  
Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.  
Wash contaminated clothing before re-use.  
If skin irritation persists, call a physician.

In case of eye contact : Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.

If swallowed : Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material.

**SECTION 5. FIRE FIGHTING MEASURES**

Suitable extinguishing media : Water spray

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Carbon oxides

Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Avoid breathing dust. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions : Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

## SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Advice on safe handling : Avoid contact with skin and eyes. Dispose of rinse water in accordance with local and national regulations. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8.

Conditions for safe storage : BEWARE: Aerosol is pressurised. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions.

Further information on storage stability : No decomposition if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Butane	106-97-8	TWA	800 ppm 1,900 mg/m <sup>3</sup>	NIOSH REL
		TWA	800 ppm 1,900 mg/m <sup>3</sup>	OSHA P0
2-Butoxyethanol	111-76-2	STEL	1,000 ppm	ACGIH
		TWA	20 ppm	ACGIH

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		TWA	5 ppm 24 mg/m <sup>3</sup>	NIOSH REL
		TWA	50 ppm 240 mg/m <sup>3</sup>	OSHA Z-1
		TWA	25 ppm 120 mg/m <sup>3</sup>	OSHA P0
Propane	74-98-6	TWA	1,000 ppm 1,800 mg/m <sup>3</sup>	NIOSH REL
		TWA	1,000 ppm 1,800 mg/m <sup>3</sup>	OSHA Z-1
		TWA	1,000 ppm 1,800 mg/m <sup>3</sup>	OSHA P0

### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
2-Butoxyethanol	111-76-2	Butoxyacetic acid (BAA)	Urine	End of shift (As soon as possible after exposure ceases)	200 mg/g Creatinine	ACGIH BEI

**Engineering measures** : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

### Personal protective equipment

#### Hand protection



Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves.



Eye protection : Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.



Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Wear as appropriate:  
Impervious clothing  
Safety shoes



Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using do not smoke.  
When using do not eat or drink.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	aerosol
Colour	:	No data available
Odour	:	citrus
Odour Threshold	:	No data available
pH	:	9.9
Melting point/range	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Self-ignition	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	No data available
Density	:	1.02 g/cm3
Solubility(ies)		
Water solubility	:	soluble
Partition coefficient: n-octanol/water	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Molecular weight	:	No data available
VOC % By Weight	:	< 8 %

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### SECTION 10. STABILITY AND REACTIVITY

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Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: No decomposition if stored and applied as directed. Hazardous polymerisation does not occur.
Conditions to avoid	: No data available
Incompatible materials	: Strong oxidising agents
Hazardous decomposition products	: Carbon oxides

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Inhalation  
Eye contact  
Skin contact  
Ingestion

#### Acute toxicity

Not classified based on available information.

#### Product:

Acute oral toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	: Acute toxicity estimate: 57.69 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method

#### Components:

##### **Butane:**

Acute oral toxicity	: LD50 (Rat): > 5 g/kg
Acute dermal toxicity	: LD50 (Rabbit): > 3.16 g/kg

##### **2-Butoxyethanol:**

Acute oral toxicity	: LD50 (Guinea pig): 1,200 mg/kg
Acute inhalation toxicity	: LC50 (Guinea pig): > 633 ppm Exposure time: 1 h Test atmosphere: dust/mist Assessment: The component/mixture is moderately toxic after short term inhalation.
Acute dermal toxicity	: LD50 (Guinea pig): > 2,000 mg/kg

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Assessment: The component/mixture is moderately toxic after single contact with skin.

### **Skin corrosion/irritation**

Not classified based on available information.

#### **Product:**

Remarks: May irritate skin.

#### **Components:**

##### **Butane:**

Result: Possibly irritating to skin

##### **2-Butoxyethanol:**

Method: Directive 67/548/EEC, Annex V, B.4.

Result: Irritating to skin.

### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

#### **Components:**

##### **Butane:**

Result: Possibly irritating to eyes

##### **2-Butoxyethanol:**

Result: Irritating to eyes.

Method: OECD Test Guideline 405

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Components:**

##### **2-Butoxyethanol:**

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Not a skin sensitiser.

### **Germ cell mutagenicity**

Not classified based on available information.

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### Components:

#### **2-Butoxyethanol:**

Genotoxicity in vitro : Test Type: Ames test  
Test system: *Salmonella typhimurium*  
Metabolic activation: with and without metabolic activation  
Result: negative

#### **Propane:**

Genotoxicity in vitro : Test Type: Ames test  
Test system: *Salmonella typhimurium*  
Metabolic activation: with and without metabolic activation  
Result: negative

#### **Carcinogenicity**

Not classified based on available information.

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### **Reproductive toxicity**

Not classified based on available information.

#### **STOT -single exposure**

Not classified based on available information.

#### **STOT -repeated exposure**

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.

#### **Further information**

#### **Product:**

Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

#### **Toxicity**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

### SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

#### International Regulations

##### IATA-DGR

UN/ID No. : UN 1950  
Proper shipping name : Aerosols, non-flammable  
Class : 2.2  
Packing group : Not assigned by regulation  
Labels : 2.2  
Packing instruction (cargo aircraft) : 203  
Packing instruction (passenger aircraft) : 203



##### IMDG-Code

UN number : UN 1950  
Proper shipping name : AEROSOLS  
Class : 2.2  
Packing group : Not assigned by regulation  
Labels : 2.2  
EmS Code : F-D, S-U  
Marine pollutant : no



#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### National Regulations

##### 49 CFR

UN/ID/NA number : UN 1950  
Proper shipping name : Aerosols  
Class : 2.2  
Packing group : Not assigned by regulation  
Labels : 2.2  
ERG Code : 126  
Marine pollutant : no



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### SECTION 15. REGULATORY INFORMATION

#### EPCRA -Emergency Planning and Community Right-to-KnowAct

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 302Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312Hazards** : No SARA Hazards

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

2-Butoxyethanol 111-76-2 >= 1 - < 5 %

#### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

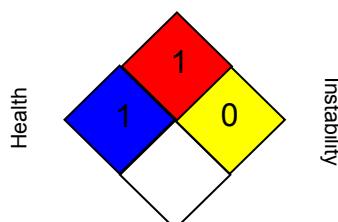
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### SECTION 16. OTHER INFORMATION

#### Further information

#### NFPA:

Flammability



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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 guid-

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ance 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.

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