



SAFETY DATA SHEET

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Identifier	GINOL 16 (CETYL ALCOHOL)
Other Names	Palmytic Alcohol, 1-Hexadecanol, Hexadecan-1-ol
Manufacturer's Product Code	21010
Recommended Use	Emulsifier, foam stabiliser

Details of Supplier/Manufacturer

Company:	Recochem Inc. ABN: 69 010 485 999
Address:	1809 Lytton Road, Lytton, Queensland 4178
Phone:	(07) 3308 5200 Fax: (07) 3308 5201
Website:	www.recochem.com.au

Emergency Telephone Numbers

Business Hours:	(07) 3308 5200
After Hours:	1300 131 001
Poisons Information:	Australia: 13 11 26 New Zealand: 0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

Non-hazardous chemical	<i>according to classification by Safe Work Australia</i>
Non-dangerous goods	<i>according to the Australian Code for the Transport of Dangerous Goods by Road and Rail</i>

Precautionary statements:

GENERAL	
P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P103	Read label before use
PREVENTATIVE	
P261	Avoid breathing dust
P262	Do not get in eyes, on skin, or on clothing

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients Names and Proportions

Chemical Entity	CAS Number	Proportion (%)
Hexadecan-1-ol	36653-82-4	> 95

SECTION 4 FIRST AID MEASURES

Description of necessary first aid measures

Inhalation:	Keep victim calm and remove to fresh air if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment
Skin Contact:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention
Eye Contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical attention
Ingestion:	If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment

Symptoms caused by exposure

Inhalation:	May cause irritation to mucous membranes and upper respiratory tract, coughing and shortness of breath
Skin:	May cause irritation
Eye:	May cause irritation
Ingestion:	Not expected to cause irritation

Medical attention and special treatment

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing equipment

For a small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray, fog or foam. Do not use water in a jet.

Specific hazards arising from the chemical

When heated to decomposition, may emit oxides of carbon and sulphur.

Special protective equipment and precautions for fire fighters

Wear full protective clothing and self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with released material. Shut off leaks, if possible without personal risks. Avoid raising dust.

Environmental precautions

Use appropriate containment to avoid environmental contamination.

Methods and materials for containment and cleaning up

Use appropriate tools to put spilled solid in a convenient waste disposal container. Dispose of in accordance with regional regulations.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin, eyes and clothing. Do not ingest. Avoid breathing dust, keep containers closed. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities

Do not store near strong oxidants.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measures

No exposure standard data available.

Biological monitoring

No biological limit allocated.

Engineering controls

Ensure that adequate ventilation is provided. Avoid generating and inhaling dusts. Keep containers closed when not in use.

Individual protection measures

Eye and face protection:	Wear safety goggles.
Skin protection:	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.
Respiratory protection:	If work practices do not maintain adequate ventilation, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter. Select a filter for organic gases and vapours (boiling point > 65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.
Thermal hazards:	Not applicable.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White flakes
Odour:	Mild soapy
Odour threshold (ppm):	Data not available
pH:	Data not available
Melting point/freezing point (°C):	48 - 50
Initial boiling point and boiling range (°C):	249
Flash point (°C):	160 (closed cup)
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	Data not available
Upper/lower flammability or explosive limits (%):	1 - 8
Vapour pressure (mmHg @ 20°C):	< 1
Vapour density (air = 1):	Data not available
Density (g/ml @ 15°C):	0.8 approx.
Solubility:	Negligible
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	251
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm ² /s @ 20°C):	Data not available

Product: GINOL 16 (CETYL ALCOHOL)

SECTION 10 STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials

Strong oxidising agents, strong acids.

Hazardous decomposition products

Burning can produce carbon monoxide and/or carbon dioxide.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity:	Low toxicity, Oral LD50 (Rat) > 5,000 mg/kg
Skin corrosion/irritation:	Slight irritant but not sufficient to classify
Serious eye damage/irritation:	Slight irritant but not sufficient to classify
Respiratory or skin sensitisation:	Not expected to be a sensitiser
Germ cell mutagenicity:	Not expected to be mutagenic
Carcinogenicity:	Not expected to be carcinogenic
Reproductive toxicity:	Not expected to impair fertility
Specific Target Organ Toxicity (STOT) – single exposure:	May be irritating to respiratory tract
Specific Target Organ Toxicity (STOT) – repeated exposure:	Data not available
Aspiration hazard:	Data not available

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Avoid contaminating waterways.

Acute toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Chronic toxicity:

Fish –	Data not available
--------	--------------------

Product: GINOL 16 (CETYL ALCOHOL)

Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Persistence and degradability

Data not available.

Bioaccumulative potential

Data not available.

Mobility in soil

Data not available.

Other adverse effects

Data not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

UN number:	Not applicable
Proper shipping name:	Not applicable
Australian Dangerous Goods class:	Not applicable
Australian Dangerous Goods packing group:	Not applicable
Hazchem code:	Not applicable

SECTION 15 REGULATORY INFORMATION

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	Not scheduled
Australian Inventory of Chemical Substances (AICS):	Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	Not applicable

SECTION 16 OTHER INFORMATION

Date of preparation:	13/06/2016
Revision number:	4
Changes in this revision:	Update to GHS SDS standard

This SDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Recochem cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Recochem on (07) 3308 5200.
