

TAPMATIC CORPORATION

Material Safety Data Sheet

DRY-CUT

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Date Issued: 06-15-11
Replaces Issue: 07-08-03

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION

PRODUCT NAME: DRY-CUT
PRODUCT DESCRIPTION: Metalworking Lubricant
MANUFACTURER: Tapmatic Corporation
802 Clearwater Loop
Post Falls, Idaho 83854
208-773-8048, 800-854-6019, FAX: 208-773-3021
www.tapmatic.com info@tapmatic.com
EMERGENCY NUMBERS: CHEMTREC: 800-424-9300

SECTION 2: INGREDIENTS

General chemical description: Fatty Alcohol

COMPONENT:	CAS-No.	CONCENTRATION (Wt. %):
Oleyl alcohol	143-28-2	>= 87 - <= 95
Cetyl alcohol	36653-82-4	>= 2 - <= 10
Myristic alcohol	112-72-1	<= 2
Arachidyl alcohol	629-96-9	<= 3

SECTION 3: HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

Low hazard for usual industrial or commercial handling.

Delivery State: Liquid
State: Liquid to paste
Odor: Fatty
Color: Yellow
Routes of entry: Skin contact
Potential Acute Health Effects:
Inhalation: No adverse health effects are known
Skin contact: May cause slight irritation
Eye contact: May cause slight irritation
Ingestion: Similar materials are not considered toxic
Potential Chronic Health Effects: None known

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SECTION 4: FIRST AID MEASURES

After inhalation: Immediately remove victim to fresh air.
If breathing has stopped, administer artificial respiration.
Seek medical attention immediately.

After skin contact: Wash thoroughly with soap and water.

After eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Do not rub eyes; mechanical action may cause corneal damage.
If adverse health effects develop seek medical attention.

After ingestion: Call a physician or poison control center immediately.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: 338°F (170°C)
ASTM D56: Tagliabue Closed Cup

Suitable extinguishing media: Water Spray
Foam
Carbon dioxide
Dry chemical

Unusual fire or explosion hazards: None known

Hazardous combustion products: Carbon dioxide, carbon monoxide

Additional fire fighting advice: In case of fire, keep containers cool with water spray.
If a spill or leak has not ignited, use water spray to disperse the vapors.
Water spray may be used to flush spills away from fire.

SECTION 6: ACCIDENTAL REELEASE MEASURES

Personal precautions: Wear adequate personal protective clothing and equipment.

Environmental precautions: Add dry material to absorb spill (if large spill, dike to contain).

Process for cleaning and take-up: Pick up spilled material and containerize for recovery or disposal.
Flush area with water to remove residues.

SECTION 7: HANDLING AND STORAGE

Handling:

Handling advice: Ensure adequate ventilation.

Storage:

Storage conditions to keep: Store in sealed original container.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Indication for system design: Not necessary under normal use conditions.

Personal protection measures:

Respiratory protection: Not applicable with adequate ventilation.

Hand protection: Protective gloves made of rubber.

Eye protection: Safety glasses with side shields.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

General description:

Delivery state: liquid
State: liquid to pasty
Odor: fatty
Color(s): yellow

Designation

	Value	Method
Boiling point	330.0 - 360.0°C (626 - 680°F)	DIN 51751 Determination of distillation range
Melting point	3 - 13°C (37.4 - 55.4°F)	
Solidification temperature	2.0 - 12.0°C (35.6 - 53.6°F)	DIN ISO 3841-83 Melting point (cooling curve)
Density	0.830 g/cm ³	
Solubility in Water	Negligible (<0.1%)	no information

SECTION 10: STABILITY AND REACTIVITY

Stability:

Dangerous decomposition products: None if used for intended purpose.

Decomposition advices: No decomposition if used according to specifications.

Reactivity:

Materials to avoid: Oxidizers
Bases
Strong Acids

Hazardous polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD50>5000 mg/kg body weight
Method: OECD 401

Skin irritation: Slightly irritating, does not require labeling.
Method: OECD 404

Eye irritation: Slightly irritating, does not require labeling.
Method: OECD 405

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SECTION 12: ECOLOGICAL INFORMATION

Acute fish toxicity: LC50>100mg product/l.
Method: ISO 7346/2 (semi static)

Acute bacterial toxicity: EC0>100mg product/l.
Method: Acute bacterial toxicity according to test method OECD 209.

Ultimate biodegradation: Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO2 liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal of product: Avoid land filling liquids.
Reclaim where possible.
All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

SECTION 14: TRANSPORT INFORMATION

General Information: Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG.

The transport information provided represents the regulatory transport classification of the product without consideration to packaging, quantity, or modal restrictions and exceptions. It is the user's responsibility to determine the appropriate packaging and modal requirements and/or limitations for the product quantity being shipped.

SECTION 15: REGULATORY INFORMATION

TSCA Inventory Status: This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

SARA 311/312 Hazard Categories: None

TCSA 12(b) Chemicals: None

SARA 313 Toxic Chemicals: None

SARA 302 Extremely Hazardous Substances: None

CERCLA Hazardous Chemicals: None

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

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SECTION 15: OTHER INFORMATION

NFPA Rating (US)	Value
Health	1
Fire	1
Reactivity	0
Special Hazard	

HMIS Rating (US)	Value
Health	1
Flammability	1
Reactivity	0

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, express or implied, is being made as to the effects of such use, the results obtained, or the safety and toxicity of the product nor is there any assumed liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.