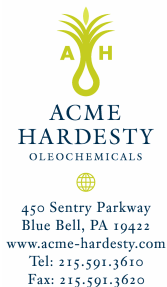


Material Safety Data Sheet



PRODUCT NAME: AHCOHOL 1695

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: AHCOHOL 1695
CAS #: 36653-82-4
EINECS#: 253-149-0
DATE: March 28, 2008

DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422

TELEPHONE: (866) 226 – 3834
FAX: (215) 591 – 3620
EMERGENCY: CHEMTREC (800) 424-9300

COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION	CHEMICAL FORMULA	CAS#	Wt/Wt, %	EC#	EC SYMBOL/R-PHRASE
1-Hexadecanol	CH ₃ (CH ₂) ₁₅ OH	36653-82-4	98 – 100	253-149-0	- / -
CONTAINS:					
1-Tetradecanol	CH ₃ (CH ₂) ₁₃ OH	112-72-1	0 – 1	204-000-3	- / -
1-Octadecanol	CH ₃ (CH ₂) ₁₇ OH	112-92-5	0 – 1	204-017-6	- / -

SYNONYM: Cetyl Alcohol

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

No hazardous product as specified in Directive 67/548/EEC.

PHYSICAL/CHEMICAL CHARACTERISTICS

FORM: White waxy solid
ODOR: Mild fatty odor
Ph: Not applicable
VISCOSITY DYNAMIC (60°C): 6 – 9 mPa.s
MELTING POINT / MELTING RANGE: 46 – 58°C (115 – 136°F)
BOILING POINT / BOILING RANGE (at 760 mm Hg): 305 – 335°C (581 – 635°F)
VAPOR PRESSURE: < 1 mm Hg @ 20°C
SOLUBILITY IN WATER: Almost insoluble at 25°C (77°F)
DENSITY: 0.822g/cm³ @ 70/70°C (158/158°F)
EXPLOSIVE LIMIT, vol% IN AIR: Not Available

FIRST AID MEASURES

SKIN CONTACT: Wash off with plenty of water. Remove contaminated clothing and shoes.

EYE CONTACT: Rinse with plenty of water for at least 20 minutes with the eyelid held wide open.

INGESTION: Immediately make victim drink plenty of water. Consult doctor if feeling unwell.

INHALATION: Move victim to fresh air.

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Carbon dioxide, foam, powder.

SPECIAL RISKS: Combustible.
Vapor heavier than air. Forms explosive mixtures with air on intense heating.
Development of hazardous combustion gases or vapors possible in the event of fire.

FLASH POINT: 155 – 160°C (311 – 320°F) PMCC

AUTO IGNITION TEMPERATURE: 235 – 252°C (455 – 489°F)

ACCIDENTAL RELEASE MEASURE

STEPS TO BE TAKEN IN CASE
OF SPILL OR LEAK: Avoid generation of dusts; do not inhale dusts.
Take up dry.
Forward for disposal.
Clean up affected area.

HANDLING AND STORAGE

HANDLING: Use gloves and wear goggles when handling.
For bulk handling, ensure all equipment is electrically grounded before beginning of transfer operation.

STORAGE / TRANSPORT PRESSURE: Ambient

LOAD / UNLOAD TEMPERATURE: 60 – 70°C (140 – 158°F)

EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMIT: No exposure limits have been established for this product.

PERSONAL PROTECTIVE EQUIPMENT: Wear protective goggles and/or face shield and rubber gloves.

INDUSTRIAL HYGIENE: Normal standards of industrial hygiene been observed.

STABILITY AND REACTIVITY

CONDITIONS TO BE AVOIDED: Strong heating. It decomposes when heated.

HAZARDOUS DECOMPOSITION PRODUCTS: None. Complete combustion forms carbon dioxide and water.

HAZARDOUS REACTIONS: Violent reactions possible with strong acids, strong oxidizing agents.

DISPOSAL INFORMATION

Disposal method should be in accordance with local, state, national environment laws and regulations.

Do not let this chemical enter environment.

TOXICOLOGICAL INFORMATION

TOXICITY DATA: LD₅₀ (oral, rat) = > 2000 mg/kg (OECD 401)
WHO Acute Hazard: Unlikely to present acute hazard in normal use.

LD₅₀ (dermal, rabbit) = > 2000 mg/kg (OECD 401)

CARCINOGENICITY FOR CAS# 112-72-1: Not listed by IARC Carcinogen, U.S. NTP Carcinogens, CA Prop 65 Known Carcinogens, U.S. EPA Carcinogen, TRI Carcinogen.

CHOLINESTERASE INHIBITOR: No

DEVELOPMENTAL OR REPRODUCTIVE TOXIN: Not listed by CA Prop 65 Development Toxic, U.S. TRI Development Toxic, CA Prop 65 Female Reproductive Toxin, CA 65 Male Reproductive Toxin, U.S. TRI Reproductive Toxin.

ENDOCRINE DISRUPTION: Not listed by Illinois EPA list, Keith list, Colborn list, Benbrook list, EU list.

ECOLOGICAL INFORMATION

BIODEGRADATION: > 60% in 28 days (OECD 301D)

BIOLOGICAL EFFECTS: Green algae Toxic Average Species LC₅₀ = 50 µg/L

AQUATIC TOXICITY: Not expected to show any detectable aquatic toxicity even in saturated solutions because of its extremely low water solubility.

Fathead minnow, Average Species LC₅₀ = 500,000 µg/L
Silver salmon, Average Species LC₅₀ = 10,000 µg/L

TRANSPORT INFORMATION

Not classified as hazardous or dangerous good in U.S. DOT, IMDG, ICAO/IATA.

IMO Technical Name, Cat. & Ship Type: Alcohols (C14-C18), Cat. Y, Ship Type 2.

REGULATORY INFORMATION

LABELING ACCORDING TO EC DIRECTIVES:

Not Applicable

LABELING ACCORDING TO GHS:

Not Applicable

US REGULATORY STATUS:

U.S. EPA Registered:

No

TSCA Inventory Listing:

1-Hexadecanol

CAS# 36653-82-4

1-Tetradecanol

CAS# 112-72-1

1-Octadecanol

CAS# 112-92-5

SARA 311/312 Classification

Non hazardous

CERCLA Section 102a/103 (40 CFR 302.4)

Not Listed

SARA Title III Section 302 (40 CFR 355.30)

Not Listed

SARA Title III Section 313 (40 CFR 372.65)

Not Listed

OSHA Classification:

Non hazardous

CANADA REGULATORY STATUS:

Workplace Hazardous Materials Information System
(WHMIS)

This material is not a controlled product as defined
by WHMIS Classification.

Canadian Domestic Substance List (DSL) Inventory
Listing

Yes