



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT CODE	A0176
PRODUCT NAME	FILBERTONE
SUPPLIER	Shanghai M & U International Trade Co., Ltd. Rm 1717, No 598 North NuJiang Road 200333 Shanghai, China +86-21-32515501 32515502 sales@mu-intel.com

FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)

2. HAZARD IDENTIFICATION:

FLAMMABLE

3. COMPOSITION AND INFORMATION ON INGREDIENTS:

SYNONYM	5-METHYL-2-HEPTEN-4-ONE
FORMULA	C8 H14 O
CAS NO	EC NO
81925-81-7	N/A

4. FIRST-AID GUIDE:

AFTER INHALATION	PROVIDE FRESH AIR
AFTER SKIN CONTACT	TAKE OFF CONTAMINATED CLOTHING, WASH WITH PLENTY OF WATER
AFTER EYE CONTACT	RINSE THOROUGHLY WITH PLENTY OF WATER AND SEEK MEDICAL HELP
AFTER SWALLOWING	IMMEDIATELY DRINK PLENTY OF WATER, INDUCE VOMITING
IF SYMPTOMS GET WORSE CONSULT A PHYSICIAN	

5. FIRE-FIGHTING GUIDE:

SUITABLE EXTINGUISHING MEDIA
CARBON DIOXIDE (CO₂), FOAM, POWDER, WATER SPRAY
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTING
DO NOT STAY IN DANGER ZONE WITH OUT SELF-CONTAINED BREATHING APPARATUS

OTHER INFORMATION

COOL CONTAINER WITH WATER SPRAY FROM A SAFE DISTANCE
CONTAIN ESCAPING VAPORS WITH WATER
PREVENT FIRE-FIGHTING WATER FROM ENTERING SURFACE OR GROUND WATER
KEEP AWAY FROM SOURCES OF IGNITION

SPECIAL RISKS

FLAMMABLE
VAPORS HEAVIER THAN AIR
DEVELOPMENT OF HAZARDOUS COMBUSTION GASES OR VAPORS IN THE VENT OF FIRE

6. ACCIDENTAL RELEASE GUIDE:

PERSON-RELATER PRECAUTIONAY MESEARES

DO NOT INHALE VAPORS/AEROSOLS
ENSURE SUPPLY OF FRESH AIR IN ENCLOSED ROOMS

ENVIRONMENTAL-PROTECTION MEASURES

DO NOT ALLOW TO ENTER SEWAGE SYSTEM

PROCEDURES FOR CLEANING / ABSORPTION

TAKE UP WITH LIQUID-ABSORBENT MATERIAL
FORWARD FOR DISPOSAL
CLEAN AFFECTED AREA

7. HANDLING AND STORAGE:

HANDELING

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES
KEEP AWAY FROM SOURCES OF IGNITION
WHEN USING DO NOT EAT OR DRINK

STORAGE

TIGHTLY CLOSED, IN A WELL-VENTILATED PLACE
KEEP AWAY FROM SOURCE OF IGNITION – NO SMOKING

8. EXPOSURE AND PERSONAL PROTECTION:

EXPOSURE LIMITS

AVOID CONTACT WITH EYES, SKIN, CLOTHING, AND BREATHING VAPOR

PRESONAL PROTECTIVE EQUIPMENT

PROTECTIVE CLOTHING SHOULD BE SELECTED SPECIFICALLY FOR THE WORKING PLACE, DEPENDING ON CONCENTRATION AND QUANTITY OF THE HAZARDS SUBSTANCES HANDLED

THE RESISTANCE OF THE PROTECTIVE CLOTHING TO CHEMICALS SHOULD BE ASCERTAINED WITH THE RESPECTIVE SUPPLIER

RESPIRATORY

REQUIRED WHEN VAPORS / AEROSOLS ARE GENERATED

EYE

WEAR EYE / FACE PROTECTION

**HAND
INDUSTRIAL HYGIENE**

WEAR SUITABLE GLOVES
CHANGE CONTAMINATED CLOTHING
APPLICATION OF SKIN-PROTECTIVE BARRIER
CREAM RECOMMENDED
WASH HANDS AFTER WORKING WITH
SUBSTANCES

9. PHYSICAL AND CHEMICAL PROPERTIES:

FORM	LIQUID
COLOR	COLORLESS TO PALE YELLOW
ODOR	HAZELNUT
BOILING POINT	62°C/ 10 mm Hg
FLASH POINT	55°C
MELTING POINT	NO DATA AVAILABLE
OXIDIZING PROPERTIES	NOT OXIDIZING; FLAMMABLE
DENSITY/SPECIFIC GRAVITY @20°C	0.840-0.870
SOLUBILITY IN WATER	INSOLUBLE
IN ORGANIC SOLVENTS	SOLUBLE

10. STABILITY AND REACTIVITY:

CONDITIONS TO BE AVOIDED
HEATING
SUBSTANCES TO BE AVOIDED
STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS
CARBON MONOXIDE, CARBON DIOXIDE
FURTHER INFORMATION
NO DATA AVAILABLE

11. TOXICOLOGICAL INFORMATION:

LD50 ORAL, RAT	NO DATA AVAILABLE
LD50 DERMAL, RABBIT	NO DATA AVAILABLE
LD50 INHALATION, RAT	NO DATA AVAILABLE
FURTHER TOXICOLOGICAL INFO	HARMFUL IF INHALED, SWALLOWED, OR IF ABSORBED THROUGH THE SKIN

12. ECOLOGICAL INFORMATION:

BIOLOGIC DEGRADATION	
BIODEGRADATION	NO DATA AVAILABLE
ECOTOXIC EFFECTS	
BIOLOGICAL EFFECTS	NO DATA AVAILABLE
FISH TOXICITY	NO DATA AVAILABLE

BACTERIAL TOXICITY NO DATA AVAILABLE
DAPHNIA TOXICITY NO DATA AVAILABLE
ALGAL TOXICITY NO DATA AVAILABLE
BEHAVIOR IN ENVIRONMENTAL COMPARTMENTS
DISTRIBUTION- LOG P(OCT) NO DATA AVAILABLE
FURTHER ECOLOGICAL DATA
DO NOT ALLOW TO ENTER WATER, DRAIN OR SOIL

13. DISPOSAL RECOMMENDATIONS:

PRODUCT
ACCORDING TO OFFICIAL LOCAL REGULATIONS
PACKING
ACCORDING TO OFFICIAL LOCAL REGULATIONS

14. TRANSPORTATION INFORMATION:

DOT (US)
UN NUMBER: 1224 CLASS: 3 PACKING GROUP: III
PROPER SHIPPING NAME: 5-METHYL-2-HEPTEN-4-ONE
IMDG
UN NUMBER: 1224 CLASS: 3 PACKING GROUP: III
PROPER SHIPPING NAME: 5-METHYL-2-HEPTEN-4-ONE
IATA
UN NUMBER: 1224 CLASS: 3 PACKING GROUP: III
PROPER SHIPPING NAME: 5-METHYL-2-HEPTEN-4-ONE

15. REGULATORY INFORMATION:

LABELING ACCORDING TO EC DIRECTIVES
SYMBOL NO DATA AVAILABLE
R-PHRASES 10 FLAMMABLE
S-PHRASES NO DATA AVAILABLE
CAS NO 81925-81-7

16. OTHER INFORMATION:

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