

MATERIAL SAFETY DATA SHEET
Revision Date: 11/05/2004

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: FORMULASHELL® SAE 5W-30 Motor Oil
MSDS NUMBER: 71135E - 7
PRODUCT CODE(S): 42538012, 42538059, 50200, 5060690

MANUFACTURER ADDRESS: SOPUS Products, P.O. Box 4427, Houston, TX. 77210-4427

TELEPHONE NUMBERS

Spill Information: (877) 242-7400
Health Information: (877) 504-9351
MSDS Assistance Number: (877) 276-7285

SECTION 2 PRODUCT/INGREDIENTS

CAS#	CONCENTRATION	INGREDIENTS
		Motor Oil
Mixture	90 - 98.99 %weight	Highly refined petroleum oils
Mixture	1 - 9.99 %weight	Proprietary additives (<1% zinc)

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance & Odor: Amber liquid. Slight hydrocarbon odor.

Health Hazards: No known immediate health hazards.

Physical Hazards: No known physical hazards.

NFPA Rating (Health, Fire, Reactivity): 0, 1, 0

Hazard Rating: Least - 0 Slight - 1 Moderate - 2 High - 3 Extreme - 4

Inhalation:

Inhalation of vapors (generated at high temperatures only) or oil mist may cause mil

Eye Irritation:

Lubricating oils are generally considered no more than minimally irritating to the e

Skin Contact:

May cause slight irritation of the skin. If irritation occurs, a temporary burning

Ingestion:

Lubricating oils are generally no more than slightly toxic if swallowed.

Other Health Effects:

The International Agency for Research on Cancer (IARC) has determined there is suffi

Signs and Symptoms:

Irritation as noted above.

Aggravated Medical Conditions:

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to th

For additional health information, refer to section 11.

SECTION 4 FIRST AID MEASURES

Inhalation:

If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting

Skin:

Remove contaminated clothing and shoes and wipe excess from skin. Flush skin with w

Eye:

Flush with water. If irritation occurs, get medical attention.

Ingestion:

Do not induce vomiting. In general, no treatment is necessary unless large quantiti

Note to Physician:

In general, emesis induction is unnecessary in high viscosity, low volatility produc

SECTION 5 FIRE FIGHTING MEASURES

Flash Point [Method]: >420 °F/>215.56 °C [Cleveland Open Cup]

Extinguishing Media:

Material will float and can be re-ignited on surface of water.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures:

May burn although not readily ignitable.

Wear appropriate personal protective equipment when cleaning up spills. Refer to Se

Spill Management:

FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.

FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other sui

Reporting:

CERCLA: Product is covered by EPA's Comprehensive Environmental Response, Compensati

CWA: This product is an oil as defined under Section 311 of EPA's Clean Water Act (C

SECTION 7 HANDLING AND STORAGE

Precautionary Measures:

Wash with soap and water before eating, drinking, smoking, applying cosmetics, or us

Storage:

Do not store in open or unlabeled containers. Store in a cool, dry place with adequ

Container Warnings:

Keep containers closed when not in use. Containers, even those that have been empti

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Oil mist, mineral ACGIH TLV TWA: 5 mg/m3 STEL: 10 mg/m3
Oil mist, mineral OSHA PEL TWA: 5 mg/m3

EXPOSURE CONTROLS

Provide adequate ventilation to control airborne concentrations below the exposure g

PERSONAL PROTECTION

Personal protective equipment (PPE) selections vary based on potential exposure cond

Eye Protection:

Chemical Goggles, or Safety glasses with side shields

Skin Protection:

Use protective clothing which is chemically resistant to this material. Selection o

Published literature, test data and/or glove and clothing manufacturers indicate the
Neoprene, or Nitrile Rubber

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is

Types of respirator(s) to be considered in the selection process include:

For Mist: Air Purifying, R or P style NIOSH approved respirator.

For Vapors: Air Purifying, R or P style prefilter & organic cartridge, NIOSH appr

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Amber liquid. Slight hydrocarbon odor.

Substance Chemical Family: Lubricants

Flash Point: > 420 °F [Cleveland Open Cup]

Physical State: Liquid

Specific Gravity: 0.8635

Viscosity: 60 cSt - 70 cSt @ 40 °C

SECTION 10 REACTIVITY AND STABILITY

Stability:

Material is stable under normal conditions.

Conditions to Avoid:

Avoid heat and open flames.

Materials to Avoid:

Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products:

Thermal decomposition products are highly dependent on combustion conditions. A com
and other unidentified organic compounds may be formed upon combustion.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity

Dermal LD50 >5.0 g/kg(Rabbit) OSHA: Non-Toxic Based on components(s)

Oral LD50 >5.0 g/kg(Rat) OSHA: Non-Toxic Based on components(s)

Carcinogenicity Classification

Motor Oil

NTP: Not Reviewed IARC: Not Reviewed ACGIH: No OSHA: No

SECTION 12 ECOLOGICAL INFORMATION

Environmental Impact Summary:

There is no ecological data available for this product. However, this product is an

SECTION 13 DISPOSAL CONSIDERATIONS

RCRA Information:

Under RCRA, it is the responsibility of the user of the material to determine, at th

SECTION 14 TRANSPORT INFORMATION

US Department of Transportation Classification

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highw

International Air Transport Association

Not regulated under IATA rules.

International Maritime Organization Classification

Not regulated under International Maritime Organization rules.

SECTION 15 REGULATORY INFORMATION

FEDERAL REGULATORY STATUS

OSHA Classification:

Under normal conditions of use or in a foreseeable emergency, this product does not

Ozone Depleting Substances (40 CFR 82 Clean Air Act):

This material does not contain nor was it directly manufactured with any Class I or

Superfund Amendment & Reauthorization Act (SARA) Title III:

There are no components in this product on the SARA 302 list.

SARA Hazard Categories (311/312):

Immediate Health:NO Delayed Health:NO Fire:NO Pressure:NO Reactivity:NO

SARA Toxic Release Inventory (TRI) (313):

There are no components in this product on the SARA 313 list.

Toxic Substances Control Act (TSCA) Status:

All component(s) of this material is(are) listed on the EPA/TSCA Inventory of Chemic

Other Chemical Inventories:

Component(s) of this material is (are) listed on the Canadian DSL, European EINECS,

State Regulation

This material is not regulated by California Prop 65, New Jersey Right-to-Know Chemi

SECTION 16 OTHER INFORMATION

Revision#: 7

Revision Date: 11/05/2004

Revisions since last change (discussion): This Material Safety Data Sheet (MSDS) has

SECTION 17 LABEL INFORMATION

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR DISPOSING OF PRODU

PRODUCT CODE(S): 42538012, 42538059, 50200, 5060690

FORMULASHELL® SAE 5W-30 Motor Oil

ATTENTION!

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE OIL ACNE OR DERMATITIS. USED GASOLINE

Precautionary Measures:

Avoid prolonged or repeated contact with eyes, skin and clothing. Avoid breathing

FIRST AID

Inhalation: If the victim has difficulty breathing or tightness of the chest, is di

Skin Contact: Remove contaminated clothing and shoes and wipe excess from skin. Fl

Eye Contact: Flush with water. If irritation occurs, get medical attention.

Ingestion: Do not induce vomiting. In general, no treatment is necessary unless la

FIRE

In case of fire, Material will float and can be re-ignited on surface of water.

SPILL OR LEAK

Dike and contain spill.

FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.

FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other sui

CONTAINS: Highly refined petroleum oils, Mixture; Proprietary additives (<1% zinc),

NFPA Rating (Health, Fire, Reactivity): 0, 1, 0

TRANSPORTATION

US Department of Transportation Classification

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highw

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be haza

Name and Address

SOPUS Products
P.O. Box 4427
Houston, TX 77210-4427

ADMINISTRATIVE INFORMATION

MANUFACTURER ADDRESS: SOPUS Products, P.O. Box 4427, Houston, TX. 77210-4427
Company Product Stewardship & Regulatory Compliance Contact: Timothy W Childs
Phone Number: (713) 241-1524

THE INFORMATION CONTAINED IN THIS DATA SHEET IS BASED ON THE DATA AVAILABLE TO US AT
TO DETERMINE THE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO TH
43737-11422-100R-11/05/2004