Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

#### INGESTION:

Low toxicity.

Small amounts of this liquid drawn into the lungs from swallowing or vomiting may cause severe health effects (e.g. bronchopneumonia or pulmonary edema).

#### CHRONIC:

The International Agency for Research on Cancer (IARC) has evaluated gasoline and found it to be a possible human carcinogen. Contains benzene. Human health studies (epidemiology) indicate that prolonged and/or repeated overexposures to benzene may cause damage to the blood producing system and serious blood disorders, including leukemia.

Animal tests suggest that prolonged and/or repeated overexposures to benzene may damage the embryo/fetus. The relationship of these animal studies to humans has not been fully established.

Contains n-hexane. Prolonged and/or repeated exposures may cause damage to the peripheral nervous system (e.g. fingers, feet, arms etc.). Methyl Tertiary Butyl Ether (MTBE) was tested for carcinogenicity, neurotoxicity, chronic, reproductive and developmental toxicity. The NOEL for all endpoints evaluated in three animal species was 400 ppm or greater. An increase in kidney tumors/damage and liver tumors was observed in animals exposed to high concentrations of MTBE. Some embryo/fetal toxicity and birth defects were observed in the offspring of pregnant mice exposed to maternally toxic doses of MTBE, however the offspring of exposed pregnant rabbits were unaffected. The significance of the animal findings at high exposures are not believed to be directly related to potential human health hazards in the workplace.

### ACUTE TOXICITY DATA:

Based on animal testing data from similar materials and products, the acute toxicity of this product is expected to be:

Oral : LD50 > 18 ml/kg (Rat)
Dermal : LD50 > 5 ml/kg (Rabbit)

#### OCCUPATIONAL EXPOSURE LIMIT:

Manufacturer Recommends:

For gasoline, 300 mg/m3.

For Methyl-tert-Butyl Ether, 25 ppm (90 mg/m3) 8-hour TWA and 75 ppm (270 mg/m3) 15-minute STEL.

### ACGIH recommends:

For Gasoline, ACGIH recommends a TWA of 300 ppm (890 mg/m3) and categorizes it as an animal carcinogen.

For n-Hexane (skin), 50 ppm (176 mg/m3).

For Benzene, ACGIH recommends a TWA of 0.5 ppm (1.6 mg/m3), (skin), and categorizes it as a confirmed human carcinogen.

For Methyl-tert-Butyl Ether, ACGIH recommends a TLV of 40 ppm (144 mg/m3) an categorizes it as an animal carcinogen.

Local regulated limits may vary.

### FIRST AID MEASURES

#### INHALATION:

In emergency situations use proper respiratory protection to immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

#### EYE CONTACT:

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

#### SKIN CONTACT:

Flush with large amounts of water. Use soap if available. Remove severely contaminated clothing (including shoes) and launder before reuse.

If irritation persists, seek medical attention.

#### INGESTION:

DO NOT induce vomiting since it is important that no amount of the material should enter the lungs (aspiration). Keep at rest. Get prompt medical attention.

### 6. PREVENTIVE AND CORRECTIVE MEASURES

### PERSONAL PROTECTION:

The selection of personal protective equipment varies, depending upon conditions of use.

In open systems where contact is likely, wear safety goggles, chemical-resistant overalls, and chemically impervious gloves.

Where only incidental contact is likely, wear safety glasses with side shields. No other special precautions are necessary provided skin/eye contact is avoided.

Where concentrations in air may exceed the occupational exposure limits given in Section 4 and where engineering, work practices or other means of exposure reduction are not adequate, approved respirators may be necessary to prevent overexposure by inhalation.

# ENGINEERING CONTROLS:

The use of local exhaust ventilation is recommended to control emissions near the source. Laboratory samples should be handled in a fumehood. Provide mechanical ventilation of confined spaces.

Use explosion-proof ventilation equipment.

#### HANDLING, STORAGE AND SHIPPING:

Keep containers closed. Handle and open containers with care. In keeping with good personal hygiene practices, wash hands thoroughly after handling the material.

Store and load at normal (up to 38 deg C) temperature and at atmospheric pressure.

Material will accumulate static charges which may cause a spark. Static charge build-up could become an ignition source. Use proper relaxation and grounding procedures.

For personnel entry into confined spaces (i.e. bulk storage tanks) a proper confined space entry procedure must be followed including ventilation and testing of tank atmosphere.

Empty containers may contain product residue. Do not pressurize cut, heat, or weld empty containers. Do not reuse empty containers without commercial cleaning or reconditioning.

#### LAND SPILL:

Eliminate source of ignition. Keep public away. Prevent additional discharge of material, if possible to do so without hazard. Vapours or dust may be harmful or fatal. Warn occupants of downwind areas.

Prevent spills from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust.

Recover by pumping (use an explosion proof motor or hand pump), or by using a suitable absorbent.

Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.

### WATER SPILL:

Eliminate all sources of ignition. Vapours or dust may be harmful or fatal. Warn occupants and shipping in downwind areas. Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.

## 7. FIRE AND EXPLOSION HAZARD

Flashpoint and method: -40 deg C COC D92 less than/moins de

Autoignition: NA Flammable Limits: LEL: 1.4% UEL: 7.6%

GENERAL HAZARDS:

Extremely flammable; material will readily ignite at normal temperatures. Flammable Liquid; may release vapours that form flammable mixtures at or above the flash point.

Toxic gases will form upon combustion.

Static Discharge; material may accumulate static charges which may cause a fire.

#### FIRE FIGHTING:

Use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel to fire if possible to do so without hazard. If a leak or spill has not ignited use water spray to disperse the vapours. Either allow fire to burn out under controlled conditions or extinguish with foam or dry chemical. Try to cover liquid spills with foam. Respiratory and eye protection required for fire fighting personnel. Avoid spraying water directly into storage containers due to danger of boilover.

A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of an SCBA may not be required.

#### HAZARDOUS COMBUSTION PRODUCTS:

Smoke, carbon monoxide, carbon dioxide under thermal decomposition.

## 8. REACTIVITY DATA

#### STABILITY:

This product is stable. Hazardous polymerization will not occur.

#### INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Strong oxidizing agents

#### HAZARDOUS DECOMPOSITION:

none

### 9. NOTES

All components of this product are listed on the U.S. TSCA inventory.

REVISION SUMMARY:

Since 6 November 2002, this MSDS has been revised in Section(s):

3

### 10. PREPARATION

Date Prepared: March 19, 2003

Prepared by: Lubricants & Specialties

IMPERIAL OIL Products Division

111 St Clair Avenue West

Toronto, Ontario

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(800) 268-3183

CAUTION: "The information contained herein relates only to this product or material and may not be valid when used in combination with any other product or material or in any process. If the product is not to be used for a purpose or under conditions which are normal or reasonably foreseeable, this information cannot be relied upon as complete or applicable. For greater certainty, uses other than those described in Section 1 must be reviewed with the supplier. The information contained herein is based on the information available at the indicated date of preparation. This MSDS is for the use of Imperial Oil customers and their employees and agents only. Any further distribution of this MSDS by Imperial Oil customers is prohibited without the written consent of Imperial Oil."

# VIBRA STOP

Material Identification and Use				
MANUFACTURER'S NAME	7016 2 (403)  MBER	30 Street SE Calgary, Alberta, 720-7044  A STOP	DRPORATIÓN Canada T2C 1N9	
	Hazardous	Ingredients of Materials		
hemical Identity	Concentration	CAS#/NA#/UN#	LD(50)	LC(50)
Aincral Spirits	7-14%	CAS 64742-47-8	(Oral, Rat) Over 8 ml/kg or >6,400 mg/kg	N/E
	Physica	al Data For Product		
HYSICAL STATE DOUR AND APPEARANCE DOUR THRESHOLD PECIFIC GRAVITY APOUR PRESSURE APOUR DENSITY (air=1) VAPORATION RATE OILING POINT REEZING POINT H ENSITY (g/ml) OEFFICIENT OF WATER/OIL DIST	Slight N/E 0.98 N/E N/E N/E N/E N/E 8-9 N/E RIBUTION N/E	oil smell, brown appearance.		
ONDITIONS OF FLAMMABILITY.			resence of air and a term	nerature orealer than the
MEANS OF EXTINCTION	flashp In cas CONI	oint. o of fire, foam, dry chemical, DITIONS WILL OCCUR.	recommendation of the transfer of the comment of	and the second last the second special special second
PPER EXPLOSION LIMIT(% BY VO		degrees r		

# VIBRA STOP

OWER EXPLOSION LIMIT(% BY VOL)					
UTO-IGNITION TEMPERATURE					
LAMMABILITY CLASSIFICATIONN/A					
XPLOSION DATA					
ENSITIVITY TO STATIC DISCHARGE					
	Reactivity Data				
HEMICAL STABILITY					
COMPATIBLE MATERIALS					
ONDITIONS OF REACTIVITY AZARDOUS DECOMPOSITION PRODUCT					
AZARDOUS DECOMPOSITION PRODUCT	S				
	Toxicological Properties of Product				
ROUTES OF ENTRY					
SKIN ABSORPTION					
EYE					
	inflammation of conjunctiva.				
NHALATION					
INGESTION					
CUTE OVER EXPOSURE EFFECTS					
HRONIC OVER EXPOSURE EFFECTS					
XPOSURE LIMITS					
RITANCY OF PRODUCT					
ENSITIZATION TO MATERIAL					
ARCINOGENICITY, REPRODUCTIVE EFF					
ERATOGENICITY, MUTAGENICITY					
OXICOLOGICALLY SYNERGISTIC PRODU					
	Preventive Measures				
ERSONAL PROTECTIVE EQUIPMENT					
PECIFIC ENGINEERING CONTROLS	N/A				
EAK AND SPILL PROCEDURES					
The state of the s	WITH AN ADEQUATE SOLVENT.				
	In accordance with Municipal, Provincial and Federal regulations.				
/ASTE DISPOSAL					
ANDLING PROCEDURES AND EQUIPMEN	NT N/A				
ANDLING PROCEDURES AND EQUIPMEN					

2

# VIBRA STOP

### First Aid Measures

SPECIFIC FIRST AID PROCEDURES ...... FLUSH EYES WITH WATER, RINSE CONTAMINATED SKIN WITH SOAP AND WATER. IF INGESTED, GIVE WATER. DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

# Preparation Date of Material Safety Data Sheet

'REPARED BY	The Safety Committee
HONE NUMBER OF PREPARER	(403) 720-7044
DATE PREPARED	January 2, 2004

The information contained herein is based on data believed to be reliable, but is presented without guarantee or warranty & Control Chemical (1989) Corporation, disclaims any liability incurred from the use thereof.

# VISCO L

	Material lo	dentification and Use		
MANUFACTURER'S ADDRES EMERGENCY PHONE NUME SUPPLIER IDENTIFIER SUPPLIER'S ADDRESS SUPPLIER EMERGENCY PHOP PRODUCT IDENTIFIER		Campagnards Val Senneville 24-6778	e, Quebec, Canada, JOY 2	210
	Hazardous I	ngredients of Materials		
Chemical Identity	Concentration	CAS#/NA#/UN#	LD(50)	LC(50)
Mineral Spirits	20-40%	CAS 64742-47-8	(Oral, Rat) Over 8 ml/kg	N/E
and the second s	Physical	Data For Product		
DOOUR AND APPEARANCE DOOUR THRESHOLD SPECIFIC GRAVITY VAPOUR PRESSURE VAPOUR DENSITY (air=1) EVAPORATION RATE BOILING POINT DENSITY (g/ml)	Liquid oily sm N/E 0.98 N/E			
	Fire and Expl	osion Hazard of Product		
MEANS OF EXTINCTION FLASHPOINT AND METHOD UPPER EXPLOSION LIMIT(9 LOWER EXPLOSION LIMIT(	ILITY require  In case  WATE  OF DETERMINATION. 70 c. (6  BY VOL) N/E  WBY VOL) N/E  TURE N/E	of fire use water spray, foan R-SLIPPERY CONDITION	n, dry chemical, or CO2.	
J/25/04	Page	1		

# VISCO L

Combustible Liquid Class B-3 Oxides of carbon or nitrogen and products of incomplete combustion.
N/E
Potential for fire and/or explosion when used indoors.
Reactivity Data
Stable
Avoid strong oxidizing and reducing materials.
Toxicological Properties of Product
May cause irritation, redness, swelling or dermititis.
Will cause painful burning or stinging of eyes and lids, watering of eyes and
inflamation.
N/A
May cause nausea or vomitting.
N/E
Skin irritation or dermatitis may occur upon frequent or prolonged contact.
Contains traces of acrylamide, TWAEV=0.03 mg/mg3 (ONT>REG 654/86)
Skin-moderate eye-moderate
Repeated or prolonged exposure may cause sensitization in same individuals.
S N/E
S N/E
Preventive Measures
Wear eye/face protection. Wear suitable gloves.
General ventilation with a good source of make-up air recommended for all indoor
situations.  Contain the spill, soak up with an absorbent material. Clean with an adequate
solvent.
In accordance with Municipal, Provincial and Federal regulations.
Store in a tightly sealed container.
None,

2

#### VISCO L

SPECIFIC FIRST AID PROCEDURES...... FLUSH EYES WITH WATER RINSE CONTAMINATED SKIN WITH SOAP AND WATER. IF INGESTED, GIVE WATER. DO NOT INDUCE VOMITING. CALL A PHYSICIAN. IN CASE OF DISCOMFORT BY VAPORS OR DUSTS, MOVE TO A VENTILATED AREA.

# Preparation Date of Material Safety Data Sheet

PHONE NUMBER OF PREPARER ......(819) 824-6778 DATE PREPARED ......January 2, 2004

The information contained herein is based on data believed to be reliable, but is presented without guarantee or warranty and Control Chemical (1989) Corporation disclaims any liability incurred from the use thereof.

Page



# MATERIAL SAFETY DATA SHEET

Date Prepared: May 13, 2003 Supersedes: April 07, 2000

MSDS Number: 08052

# 1. PRODUCT INFORMATION

Product Identifier: XD-3 EXTRA ENGINE OIL 10W-30
ESSOLUBE XD-3 EXTRA ENGINE OIL 10W-30

Application and Use:

Mineral oil for gasoline and diesel engines

Product Description:

A lubricating oil consisting of a mixture of saturated and unsaturated hydrocarbons derived from paraffinic distillate, and additives.

#### REGULATORY CLASSIFICATION

WHMIS:

Not a controlled product

CEPA: CANADIAN ENVIRONMENTAL PROTECTION ACT

All components of this product are either on the Domestic

Substances List (DSL) or are exempt.

TDG INFORMATION (RAIL/ROAD):

Not Regulated in Canada.

Please be aware that other regulations may apply.

#### TELEPHONE NUMBERS MANUFACTURER/SUPPLIER:

Emergency 24 hr. (519) 339-2145 IMPERIAL OIL

Technical Info. (800) 268-3183 Products Division

111 St Clair Avenue West

Toronto, Ontario

M5W 1K3

(416) 968-4441

### 2. REGULATED COMPONENTS

The following components are defined in accordance with sub-paragraph 13(a) (i) to (iv) or paragraph 14(a) of the Hazardous Products Act:

NAME

% CAS #

Not applicable

# 3. TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid

Specific gravity: not available

Viscosity: 11.80 cSt at 100 deg C

Vapour Density: not available Boiling Point: not available

Evaporation rate: <0.1 (1= n-butylacetate)

Solubility in water: negligible

Freezing/Pour Point: -30 deg C ASTM D97

Odour Threshold: not available
Vapour Pressure: <1 kPa at 38 deg C
Density: 0.87 g/cc at 15 deg C

Appearance/odour: Dark brown liquid, petroleum hydrocarbon odour.

# 4. HEALTH HAZARD INFORMATION

#### NATURE OF HAZARD

#### INHALATION:

Negligible hazard at normal temperatures (up to 38 deg C). Elevated temperatures or mechanical action may form vapours, mists or fumes which may be irritating to the eyes, nose, throat and lungs. Avoid breathing vapours or mists.

### EYE CONTACT:

Slightly irritating, but will not injure eye tissue.

# SKIN CONTACT:

Low toxicity.

Frequent or prolonged contact may irritate the skin.

#### INGESTION:

Low toxicity.

### CHRONIC:

Prolonged and/or repeated contact with used gasoline engine oil has caused

skin cancer in experimental animals. The relationship of these results to humans has not been fully established.

#### ACUTE TOXICITY DATA:

Based on animal testing data from similar materials and products,

the acute toxicity of this product is expected to be:

Oral : LD50 > 5000 mg/kg (Rat)
Dermal : LD50 > 3160 mg/kg (Rabbit)
Inhalation : LC50 > 5000 mg/m3 (Rat)

#### OCCUPATIONAL EXPOSURE LIMIT:

### ACGIH recommends:

For oil mists, 5 mg/m3.

Local regulated limits may vary.

# 5. FIRST AID MEASURES

#### INHALATION:

Vapour pressure of this material is low and as such inhalation under normal conditions is usually not a problem. If overexposed to oil mist, remove from further exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

### EYE CONTACT:

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

#### SKIN CONTACT:

Flush with large amounts of water. Use soap if available. Remove severely contaminated clothing (including shoes) and launder before reuse.

If irritation persists, seek medical attention.

### INGESTION:

If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

# 6. PREVENTIVE AND CORRECTIVE MEASURES

#### PERSONAL PROTECTION:

The selection of personal protective equipment varies, depending upon conditions of use.

In open systems where contact is likely, wear safety goggles, chemical-resistant overalls, and chemically impervious gloves.
Where only incidental contact is likely, wear safety glasses with side shields. No other special precautions are necessary provided skin/eye contact is avoided.

Where concentrations in air may exceed the occupational exposure limits given in Section 4 and where engineering, work practices or other means of exposure reduction are not adequate, approved respirators may be necessary to prevent overexposure by inhalation.

### ENGINEERING CONTROLS:

The use of local exhaust ventilation is recommended to control emissions near the source. Laboratory samples should be handled in a fumehood. Provide mechanical ventilation of confined spaces.

#### HANDLING, STORAGE AND SHIPPING:

Keep containers closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. In keeping with good personal hygiene practices, wash hands thoroughly after handling the material.

Do not handle or store near an open flame, sources of heat, or sources of ignition.

Empty containers may contain product residue. Do not pressurize cut, heat, or weld empty containers. Do not reuse empty containers without commercial cleaning or reconditioning.

### LAND SPILL:

Eliminate source of ignition. Keep public away. Prevent additional discharge of material, if possible to do so without hazard. Prevent spills from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Recover by pumping or by using a suitable absorbant. Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.

#### WATER SPILL:

Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in unconfined waters.

Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.

# 7. FIRE AND EXPLOSION HAZARD

Flashpoint and method: 200 deg C COC ASTM D92

Autoignition: 315 deg C Flammable Limits: LEL: NA UEL: NA

#### GENERAL HAZARDS:

Low Hazard; liquids may burn upon heating to temperatures at or above the flash point.

Toxic gases will form upon combustion.

#### FIRE FIGHTING:

Use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel to fire.

Use foam, dry chemical or water spray to extinguish fire.
Respiratory and eye protection required for fire fighting personnel.
A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of an SCBA may not be required.

#### HAZARDOUS COMBUSTION PRODUCTS:

Fumes, smoke, carbon monoxide, sulfur oxides, nitrogen oxides, phosphorus oxides, aldehydes and other decomposition products, in the case of incomplete combustion
Various metal oxides

## 8. REACTIVITY DATA

#### STABILITY:

This product is stable. Hazardous polymerization will not occur.

### INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:

Strong oxidizing agents

#### HAZARDOUS DECOMPOSITION:

none

### 9. NOTES

All components of this product are listed on the U.S. TSCA inventory.

# REVISION SUMMARY:

Since 7 April 2000, this MSDS has been revised in Section(s):

# 10. PREPARATION

Date Prepared: May 13, 2003

Prepared by: Lubricants & Specialties

IMPERIAL OIL Products Division

111 St Clair Avenue West

Toronto, Ontario

M5W 1K3

(800) 268-3183

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# MATERIAL SAFETY DATA SHEET

Date Prepared: October 04, 2003 Supersedes: November 05, 2002

MSDS Number: 08043

# 1. PRODUCT INFORMATION

Product Identifier: XD-3 EXTRA ENGINE OIL 15W-40

ESSOLUBE XD-3 EXTRA ENGINE OIL 15W-40

Application and Use:

Mineral oil for gasoline and diesel engines

Product Description:

A lubricating oil consisting of a mixture of saturated and unsaturated hydrocarbons derived from paraffinic distillate, and additives.

### REGULATORY CLASSIFICATION

WHMIS:

Not a controlled product

CEPA: CANADIAN ENVIRONMENTAL PROTECTION ACT

All components of this product are either on the Domestic

Substances List (DSL) or are exempt.

TDG INFORMATION (RAIL/ROAD):

Not Regulated in Canada.

Please be aware that other regulations may apply.

#### TELEPHONE NUMBERS MANUFACTURER/SUPPLIER:

Emergency 24 hr. (519) 339-2145 IMPERIAL OIL

Technical Info. (800) 268-3183 Products Division

111 St Clair Avenue West

Toronto, Ontario

M5W 1K3

(416) 968-4441

# 2. REGULATED COMPONENTS

The following components are defined in accordance with sub-paragraph 13(a) (i) to (iv) or paragraph 14(a) of the Hazardous Products Act:

NAME

% CAS #

Not applicable

# 3. TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Physical State: Liquid

Specific gravity: not available

15.00 cSt at 100 deg C Viscosity:

Vapour Density: not available Boiling Point: 310 to 600 deg C Evaporation rate: <1 (1= n-butylacetate)

Solubility in water: negligible Freezing/Pour Point: -27 deg C ASTM D97

Odour Threshold: not available Vapour Pressure: <1 kPa at 38 deg C 0.88 g/cc at 15 deg C

Appearance/odour: Dark brown liquid, petroleum hydrocarbon odour.

# 4. HEALTH HAZARD INFORMATION

### NATURE OF HAZARD

### INHALATION:

Negligible hazard at normal temperatures (up to 38 deg C). Elevated temperatures or mechanical action may form vapours, mists or fumes which may be irritating to the eyes, nose, throat and lungs. Avoid breathing vapours or mists.

#### EYE CONTACT:

Slightly irritating, but will not injure eye tissue.

#### SKIN CONTACT:

Low toxicity.

Frequent or prolonged contact may irritate the skin.

#### INGESTION:

Low toxicity.

### CHRONIC:

Prolonged and/or repeated contact with used gasoline engine oil has caused

skin cancer in experimental animals. The relationship of these results to humans has not been fully established.

#### ACUTE TOXICITY DATA:

Based on animal testing data from similar materials and products, the acute toxicity of this product is expected to be:

Oral : LD50 > 5000 mg/kg (Rat)
Dermal : LD50 > 3160 mg/kg (Rabbit)
Inhalation : LC50 > 5000 mg/m3 (Rat)

#### OCCUPATIONAL EXPOSURE LIMIT:

#### ACGIH recommends:

For oil mists, 5 mg/m3.

Local regulated limits may vary.

# 5. FIRST AID MEASURES

#### INHALATION:

Vapour pressure of this material is low and as such inhalation under normal conditions is usually not a problem. If overexposed to oil mist, remove from further exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

### EYE CONTACT:

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

#### SKIN CONTACT:

Flush with large amounts of water. Use soap if available. Remove severely contaminated clothing (including shoes) and launder before reuse.

If irritation persists, seek medical attention.

#### INGESTION:

If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

### 6. PREVENTIVE AND CORRECTIVE MEASURES

#### PERSONAL PROTECTION:

The selection of personal protective equipment varies, depending upon conditions of use.