

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hayes Handpiece OneStep

DATE: August 29, 2011

TRADE NAME: Hayes Handpiece OneStep
 GENERAL USE: Specialty Lubricant
 CHEMICAL FAMILY: Synthetic Lubricant Mixture



REPAIRS | SALES | TRAINING

PRODUCT DESCRIPTION:
 Clear water white odorless liquid.

MANUFACTURER
Hayes Handpiece Franchises, Inc.

DATE PREPARED: August 29, 2011
 SUPERSEDES: June 18, 2008

ADDRESS (NUMBER, STREET, P.O. BOX)
 5375 Avenida Encinas, Ste. B

TELEPHONE NUMBER FOR INFORMATION / Customer Service
 760-602-0521

(CITY, STATE AND ZIP CODE) COUNTRY
 Carlsbad Ca 92008 USA

CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER

1-800-255-3924 01-813-248-0585
 North America Toll Free International

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by volume)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
Distillates (petroleum), middle	<10	64742-46-7 / 65318-09-1	265-148-2 / not referenced	T	R10,R45,R65
Distillates (petroleum), light	<10	64742-47-8	265-149-8	Xn	R65
Amines, C11-14-branched alkyl, monoethyl and diethyl phosphates.	<1	80939-62-4	279-632-6	None	None
Methyl lardate	<1	68082-78-0	268-375-5	None	None
Dec-1-ene, homopolymer.	>80	68037-01-4	500-183-1	None	None

Notes:

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

May cause mild skin and/or respiratory irritation. May cause eye irritation. Product should be considered slightly harmful to aquatic environments. Product may cause lung damage if swallowed and then regurgitated; do not induce vomiting in cases of ingestion. Product is only combustible under extreme temperatures.

POTENTIAL HEALTH EFFECTS

INHALATION:

High concentrations of vapors may irritate nose throat and cause symptoms such as dizziness, nausea, headache, or lightheadedness. Caution should be taken to limit inhalation of aerosol mists.

SKIN:

Product may cause slight irritation on direct contact. Prolonged or repeated contact may cause dermatitis characterized by dryness, chapping and redness.

EYES:

Avoid eye contact. Direct spray may irritate eyes.

INGESTION:

Ingestion of small amounts is usually non-fatal unless aspiration occurs. Aspiration may lead to chemical pneumonitis which is characterized by pulmonary edema and hemorrhage and may be fatal. Gastrointestinal discomfort may develop followed by vomiting. Ingestion of large amounts may lead to convulsions, loss of consciousness and death.

CARCINOGENICITY:

NTP? NO
IARC MONOGRAPHS? NO
OSHA REGULATED? NO

CALIFORNIA, Prop.65?
NO

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SECTION 4 - FIRST AID MEASURES

INHALATION:

Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention.

EYES:

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

SKIN:

Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

INGESTION:

If swallowed DO NOT INDUCE VOMITING as a risk of aspiration exists. Give 2 glasses of water to drink and call a physician immediately.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

Flash Point= 435°F PMCC , keep away from strong oxidizers.

EXTINGUISHING MEDIA:

Foam, dry chemical (B,C), CO₂ .

FIRE FIGHTING PROCEDURES:

Water may be ineffective, but can be used to cool containers exposed to heat and flame. Caution should be exercised if water or foam is sprayed directly into containers of hot burning liquid product as violent frothing may occur spreading the burning liquid over a wider area.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Dense smoke may be generated while burning.

HAZARDOUS COMBUSTION PRODUCTS:

Dense smoke, Carbon monoxide, Carbon dioxide, Phosphorous oxides, Nitrogen oxides.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Do not flush to sewers or other waterways. Dike off large spills. Vacuum up spills and transfer to proper waste disposal drums. Remove all sources of ignition. Clean up area using absorbent materials such as vermiculite or clay, and dispose of in accordance with all Local, State, and Federal regulations.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Read label cautions carefully. Gloves, protective clothing and safety glasses with side splash guards are recommended. Use only in a well ventilated area.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	PEL ppm	PEL mg/m3
Distillates (petroleum), middle	100	None	None	None	200	None	None	None
Distillates (petroleum), light	100	None	None	None	200	None	None	None
Amines, C11-14-branched	NE	None	None	None	None	None	None	None
Methyl lardate	None	None	None	None	None	10	None	None
Dec-1-ene, homopolymer.	NE	None	None	None	None	None	None	None

PERSONAL PROTECTION

RESPIRATORY PROTECTION:

For exposures above PEL limits, use NIOSH or EN-149 (European standard) approved respirators with adjust or mist filter. Use only in well ventilated areas.

PROTECTIVE GLOVES:

None required in normal use. For repeated contact use impervious gloves, aprons, etc. to cover exposed body parts.

EYE PROTECTION:

Use safety Glasses with splash protection side shields or chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

An eyewash station and safety shower is recommended.

WORK / HYGIENIC PRACTICES:

Wash hands and face with soap and water before eating , drinking, or smoking. Remove contaminated clothing. Wash skin with soap and water.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Clear water white odorless liquid.	VAPOR PRESSURE NE
pH NA	SPECIFIC GRAVITY (WATER = 1) 0.82
BOILING POINT / BOILING RANGE NE	SOLUBILITY IN WATER Insoluble
FLASH POINT 435°F PMCC	VISCOSITY NE
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) NE
AUTOIGNITION TEMPERATURE NE	EVAPORATION RATE (WATER = 1) NE

SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE X	CONDITIONS TO AVOID: Contact with acids and strong oxidizers.
INCOMPATIBILITY (MATERIALS TO AVOID): Acids, Strong oxidizers.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon Monoxide, Carbon dioxide, Nitrogen Oxides, Phosphorous oxides, Smoke , Hydrocarbons.	
HAZARDOUS POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: None related to polymerization.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Distillates (petroleum), middle	64742-46-7 265-148-2	Oral, rabbit: LD50= 2835 mg/kg; 5mg/kg Oral -Rat	5ml/L/4hrs Inhalation-Rat
Distillates (petroleum), light	64742-47-8 265-149-8	5mg/kg Oral -Rat	NE
Amines, C11-14-branched alkyl, monoethyl and diethyl phosphates.	80939-62-4 279-632-6	NE	NE
Methyl lardate	68082-78-0 268-375-5	NE	NE
Dec-1-ene, homopolymer.	68037-01-4 500-183-1	NE	NE

SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this blended product. The product is partially biodegradable. Caution is urged regarding any environmental discharges.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
 Dispose of in an approved hazardous waste container. Disposer must comply with all applicable Local, State, and Federal regulations regarding disposal of this product.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not hazardous for Transport.			
DOT HAZARD CLASS / Pack Group: None	IATA HAZARD CLASS / Pack Group: None	REFERENCE: None	IMDG HAZARD CLASS: None
UN / NA IDENTIFICATION NUMBER: None	RID/ADR Dangerous Goods Code: None	LABEL: None	TDG Class / Pack Group: None
HAZARD SYMBOLS: None	Hazard Identification Number (HIN): NE		

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

