

MATERIAL SAFETY DATA SHEET

(Essentially Similar To Form OSHA 201) (Complies with 29CFR 1910.1200)



Division of Southwest Lubricants
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 EMERGENCY 24 HOURS
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**SECTION 1**

DATE 1-1-01

TRADE NAME: Formula K2

SUPERCEDES

CODE NUMBER: 22901/22505/22055 22901

CHEMICAL FAMILY:

C.A.S. NO.

CARCINOGENIC INGREDIENTS OSHA/NTP/IARC: NONE

TCSA INFORMATION: COMPONENTS OF THIS PRODUCT ARE LISTED.

SECTION II-HAZARDOUS INGREDIENTS

COMPONENTS	C.A.S. NOS.	TLV/PEL		% BY WEIGHT VOLUME
		PPM	mg/m3	
Lubricant Base Fluid	68424-40-8			≥10
Lubricant Base Fluid	11138-60-6			>10
Lubricant Base Fluid	68552-19-2			<10
Synthetic Additive Fluid	9003-29-6			>20
Synthetic 2-Cycle Additive	N/A Mixture			<10

SECTION III-FIRE AND EXPLOSION HAZARD DATAHAZARDOUS THERMAL DECOMPOSITION
CARBON MONOXIDE & ASPHYXIANTSFLAMMABLE LIMITS: LEL-UEL
Not Determined**EXTINGUISHING**MEDIA: WATER FOG, CO₂, FOAM & DRY
CHEMICAL

FLASHPOINT: 240°F

DOT INFORMATION:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Toxic Fumes, gases, or vapors may evolve in burning

SPECIAL FIRE

FIGHTING PROCEDURES: DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT & SELF-CONTAINED BREATHING APPARATUS.

SECTION IV-PHYSICAL DATA

BOILING RANGE: >200°C

SOLUBILITY: Insoluble PH: N/A

VAPOR PRESSURE: <1

APPEARANCE AND ODOR: Red and Faint

VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY	WEIGHT PER GALLON	% VOLATILE BY VOLUME
Greater THAN AIR	Less THAN ETHER	.89	8.1 lbs	0

SECTION V-REACTIVITY DATA**INCOMPATIBILITY**

<MATERIAL TO AVOID>: AVOID CONTACT WITH STRONG OXIDIZERS

STABILITY: STABLE

CONDITION TO AVOID: EXTREME HEAT

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE & ASPHYXIANTS

HAZARDOUS POLYMERIZATION

NONE

SECTION VI-HEALTH HAZARD DATA

ADVERSE AFFECTS

FIRST AID PROCEDURES

NFPA

ROUTE OF EXPOSURE

ING	Not normally expected to cause any ill effects except in very sensitive individuals.	Do not induce vomitting. Consult a physician.	
INH	No significant adverse health effects are expected to occur on short time exposure.	Remove from contaminated area. Apply artificial respiration. If unconscious consult a physician.	
ECYON	Not normally expected to cause any ill effects.	Flush with copious amounts of water.	
ASC CKO UNT N E	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.	
CBC HKO RIN ON I C	Prolonged or repeated contact may produce mild irritation. Personnel with skin disorders should avoid contact.	Wear protective clothing to avoid skin contact. Consult physician if irritation should develop.	

<DOT> SECTION VII-SPILL OR LEAK PROCEDURES <EPA>

STEPS TO BE TAKEN IN CASE

MATERIAL IS RELEASED OR SPILLED: Stop flow. Wipe or mop up or absorb with inert material. Store in appropriate container for disposal.

WASTE DISPOSAL METHOD: In accordance with local, state & federal regulations.

TRANSPORTATION INFORMATION: Consult 46CFR parts 1-300 and refer to section III of this MSDS for additional information.

SECTION VIII-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None normally required.

PROTECTIVE GLOVES: Recommended.

OTHER PROTECTIVE EQUIPMENT: Eye protection recommended.

VENTILATION: Sufficient to maintain atmosphere below TLV limit.

SECTION IX-SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN WHEN HANDLING OR STORING: Avoid storage near open flame. Avoid spills as floor becomes very slippery.

PERSONAL HYGIENE: Wash with soap & water.

OTHER PRECAUTIONS: Wash or shower if general contact occurs. Remove oil-soaked clothing & launder before reuse.

APPROVED BY: Chuck Ramage
Operations Supervisor

DATE: 1-1-01

A Division of Southwest Lubricants

PRODUCT

Formula K2

22901/22505/22055

HEALTH

REACTIVITY

PERSONAL PROTECTION (NFPA)

