#### IDEAL FG 2 GREASE

# Plumbers' Grease Stem Lube **Ditributed by Kings Supply Company** 1-888-852-5340

FAX 1-877-455-4647

IMPORTANT: Read this MEDS before handling and disposing of this product and pass this information on to simpleywee, customers, and users of this product.

This product is covered by the OSHA Hazard Communication Rule and this document has been prepared in second with the MSDS requirements of the rul

Trade Name	IDEAL FG 2 GREASE (FORM	<u></u>		
Other Names	CALCIUM SALT SDAP GREAS COMPLIES WITH 21 CFR 17 USDA AUTHORIZED "H-1" L	8,3570 AND MEETS N.L.	G.I. GRADE 2 AL FOOD CONTACT	
Chemical Family	PETROLEUM HYDROCARBONS AND ADDITIVES		OOT Hazardous Materials Proper Shipping Name NOT A D.O.T. "HAZARDOUS MATERIAL"	
Generic Name	CALCIUM SALT SOAP/PETROLEUM GREASE		DOT Hazard Class NOT REGULATED	
Odilate 148119	CUTCION SME! SONELLE!		l	

MAY CAUSE MILD SKIN IRRITATION AND INFLAMMATION FOLLOWING EXTENDED CONTACT! AVDID PROLONGED AND/OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING.

FOR SPECIAL INSTRUCTIONS FOR INJURIES RESULTING FROM HIGH-PRESSURE SKIN INJECTION, SEE SECTION VII. - "EMERGENCY MEDICAL TREATMENT PROCEDURES" AND SECTION XI. - "MANDLING, STORAGE, AND DECONTAMINATION PROCEDURES".

Flash Point R	Method)	Autoignition Temperature (Method)	Flemmable Limits (% Vol. in Air)
	O'F ( D-92) & Explosion Hazards*	AP 650'F (EST. SASED UPON "WHITE MINERAL OI	
Fire and Explosion Hazards	ABOVE ITS FLASH POINT, CAN BURN IN THE OPEN OF IGNITION SOURCE. MISTS	SHA/NFPA CLASS-IIIB COMBUSTIBLE THIS MATERIAL WILL RELEASE FLAMM. BE EXPLOSIVE IN CONFINED SPACES OR SPRAYS MAY BE FLAMMABLE AT T KEEP AWAY FROM EXTREME HEAT AN	MBLE VAPORS WHICH If exposed to an Emperatures below
Extinguishing Media	DRY CHEMICAL CO2 FOAM FOAM AND WATER FOG ARE	WATERSPRAY INERT GAS - HALON/N2 EFFECTIVE	HAZARO RATING:  4 - Existens  7 - 1198  2 - Modernis  1 - Eligh  Construint  A - Instruint  General  General

Apecial Firefighting Procedures

FOR FIRES INVOLVING THIS MATERIAL: DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT. THIS MAY INCLUDE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST THE HAZARDOUS EFFECTS OF COMBUSTION PRODUCTS AND DIVIGEN DEFICIENCIES. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER. IMPROPER USE OF WATER AND EXTINGUISHING MEDIA CONTAINING WATER MAY CAUSE FROTHING WHICH CAN SPREAD THE FIRE OVER A LARGER AREA.

IDEALKES, 18.	2000: 3:48FM	o. j <sup>l</sup> . 3214
Summary of Acute Hazards	NOT EXPECTED TO PRESENT A SIGNIFICANT HEALTH HAZARD UPON SHORT-TERM EXPOSURE.	
ROUTE OF EX		Primary Floutels
inhalation	NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED TO OCCUR UPON SHORT-TERM EXPOSURE.	
Eye Contact	TESTS ON SIMILAR MATERIALS SUGGEST THAT NO IRRITATION IS EXPECTED FROM SHORT-TERM EXPOSURE.	Ü
Skin Absorption	TESTS ON SIMILAR MATERIALS SUGGEST THAT NO SIGNIFICANT ADVERSE HEALTH EFFECTS ARE EXPECTED TO OCCUR UPON SMORT-TERM EXPOSURE.	
Skin Irritation	TESTS ON SIMILAR MATERIALS INDICATE THAT NO IRRITATION IS EXPECTED FROM SHORT-TERM EXPOSURE.	X
Ingostian	SWALLOWING THIS MATERIAL MAY CAUSE GASTROINTESTINAL DISTURBANCES SUCH AS NAUSEA, VOMITING, AND DIARRHEA.	. 0
Summary of Chronic Hazard and Special Health Effacts	PROLONGED AND/OR REPEATED SKIN CONTACT WITH THIS MATERIAL MAY PRODUCE SKIN IRRITATION AND INFLAMMATION.  SEE SECTION XI.  PERSONNEL WITH PRE-EXISTING SKIN DISGROERS SHOULD AVOID CONTACT WITH THIS	
ALEXCA REPORT OF THE PARTY OF T	PRODUCT.	A CONTRACTOR OF THE CONTRACTOR
12.0	erreconstant material contracts and the property of the contracts of the contract of the contr	
Respiratory	NOT APPLICABLE.	
Eye	SAFETY GLASSES SHOULD BE ADEQUATE PROTECTION UNDER NORMAL CONDITIONS OF USE. IF POTENTIAL EXPOSURE TO MIGH-PRESSURE MATERIAL EXISTS. THEN A FACE SHIELD AND/OR CHEMICAL GOGGLES ARE ALSO RECOMMENDED. (SEE SECTION XI.)	
Skin	AVOID PROLONGED AND/OR REPEATED SKIN CONTACT, OR WEAR IMPERVIOUS PROTECTIVE GLOTHING. WHEN LEAVING WORK, WASH MANDS/EXPOSED SKIN WITH SOAP AND WATER. (SEE "OTHER HYGIENIC & WORK PRACTICES".)	
Engineering Controls	NONE IS NEEDED UNDER ANTICIPATED CONDITIONS OF USE.	
Other Hygienis Ind Nork Prestices	WASH HANDS WITH PLENTY OF SOAP AND WATER BEFORE EATING. DRINKING, SMOKING. OR USE OF TOILET FACILITIES. DO NOT USE GASOLINE, SOLVENTS, KEROSENE, OR HARSH ABRASIVE SKIN CLEANERS FOR WASHING EXPOSED SKIN AREAS. TAKE A SHOWER AFTER WORK IF GENERAL CONTACT OCCURS. REMOVE OIL-SOAKED CLOTHING AND LAUNDER BEFORE REUSE. LAUNDER OR DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.	
fue :		
Substance	Source Date Type Value/Units	Time
NOT APPLICA	BLE - SEE SECTION XI.	1

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MSDS No. APPC 214 Rey, Date 05/18/84

	NOT APPLICABLE.
inhalațion	
Eye Contact	FLUSH EYES WITH CLEAN, LOW-PRESSURE WATER FOR AT LEAST 15 MINUTES. OCCASIONALLY LIFTING THE EYELIDS. IF PAIN OR REDNESS PERSISTS AFTER FLUSHING, OBTAIN MEDICAL ATTENTION.
Skin Contact	REMOVE BY WIPING: THEN WASH SKIN THOROUGHLY WITH PLENTY OF SDAP AND WATER. REMOVE CONTAMINATED CLOTHING AND THOROUGHLY CLEAN BEFORE REUSE. DISCARD CONTAMINATED LEATHER GLOVES AND SHOES.
Ingestion	INGESTION IS UNLIKELY. HOWEVER, IF MORE THAN A HALF-CUP FULL OF THIS MATERIAL IS SWALLDWED, GIVE QUANTITIES OF WATER, INDUCE VOMITING, AND PROMPTLY OBTAIN MEDICAL ATTENTION.
Emergency Medical Freatment Procedures	HIGH-PRESSURE INJECTIONS IN UNDERLYING YISSUE: IMMEDIATE TREATMENT SHOULD INCLUDE EXTENSIVE INCISION. DEBRIDEMENT. AND SALINE IRRIGATION. INADEQUATE TREATMENT MAY RESULT IN TISSUE ISCHEMIA AND GANGRENE. EARLY SYMPTOMS MAY BE MINIMAL. (SEE SECTION XI.)

Precautions if Material is Spilled or Raleased CONTAIN LARGE SPILLS AND KEEP IT DUT OF ALL WATER BODIES, IF POSSIBLE.
SAFELY STOP THE FLOW OF SPILL. HOT PRODUCT WILL SOLIDIFY UPON COOLING AND
CAN BE SMOVELED INTO PROPER CONTAINERS SUITABLE FOR REUSE OR DISPOSAL. IN
URBAN AREAS CLEANUP AS SOON AS POSSIBLE. IN NATURAL ENVIRONMENTS, CLEANUP
ON ADVICE OF ECOLOGIST. TO MINIMIZE PHYSICAL MABITAT DAMAGE. EQUIP CLEANUP
CREWS WITH PROPER PROTECTIVE EQUIPMENT AND COMPLY WITH ALL APPLICABLE LAWS.
SPILLS MAY NEED TO BE REPORTED TO NATIONAL RESPONSE CENTER (800/424-8802).
TEST RESULTS SHOW THAT INCIDENTAL LEAKAGE OR SPILLS CONSISTENT WITH REGULAR
USE (35 LBS OR LESS) PRESENT NO MAZARO TO THE ENVIRONMENT.

Waste Disposal Methoda MAXIMIZE PRODUCT RECOVERY FOR REUSE OR RECYCLING. CONDITIONS OF USE MAY CAUSE THIS MATERIAL TO BECOME A "HAZARDOUS WASTE" AS DEFINED BY STATE OR FEDERAL LAWS. USE APPROVED TREATMENT, TRANSPORTERS, AND DISPOSAL SITES IN COMPLIANCE WITH ALL APPLICABLE LAWS. POTENTIAL DISPOSAL METHODS INCLUDE INCINERATION AND LAND DISPOSAL IF PERMITTED.

Component Name	CAS No.	Carcinogen##	Composition amount (Wt.)
WHITE MINERAL OIL (PETROLEUM)	8042-47-5=	N/AP A	(See Qualification on Page 41 P 75 TO 85 PERCENT
12-HYDROXYSTEARIC ACID, CALGIUM SDAP	a150-62-4	N/AP A	P 5 TO 15 PERCENT
POLYISOBUTYLENE	9003-27-4		
ADDITIVE MIXTURE: RUST, DXIDATION, AND CORROSION INHIBITORS	•	N/AP L	T 1 PERCENT

Compositions given are typical values, not specifications.

and Decontsmination Procedures HIGH-PRESSURE GREASE GUNS OR HYDRAULIC LINES MAY BE ACCIDENTALLY INJECTED INTO THE EYES, SKIN, AND/OR UNDERLYING TISSUE. HYDROCARBONS INJECTED INTO UNDERLYING TISSUES ARE NOT READILY REMOVED BY BODY FLUIDS AND CAN CAUSE PAIN, RAPID SWELLING, CHEMICAL IRRITATION AND INFECTION. WORKERS MUST BE PAIN, RAPID SWELLING, CHEMICAL IRRITATION AND INFECTION. WORKERS MUTRAINED IN THE DANGER OF THIS TYPE OF INJURY AND SHOULD SEEK SPECIAL MEDICAL ATTENTION IF INJECTED ACCIDENTALLY.

NO SPECIAL EXPOSURE STANDARDS/CONTROL LIMITS HAVE BEEN ESTABLISHED FOR THIS MATERIAL.

Gameral Comments

SOME OF THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE MIXTURE ITSELF.

EQ + Equal N/P = No Applicable Information Found AP = Approximately N/AP = Not Applicable N/DA = No Data Available - - Note - - - Qualifications: LT = Less Than UK = Unknown GT = Greater Than TR = Trace

#### Disclaimer of Liability

The information in this MSDS was obtained from sources which we believe ore reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CONNECTMENS.

The conditions of methods of mending, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONDENTLY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE ON EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE MANULING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.

This MSDS was proposed and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

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### XII.

## Regulatory Information

SUPERFUND AMENDMENTS AND REAUTHORIAZATION ACT OF 1986 (SARA). TITLE III SECTION 311/312 HAZARD CATEGORIES DELAYED (CHRONIC) HEALTH MAZARD

SECTION 313

NO CHEMICALS IN THIS PRODUCT EXCEED THE DE MINIMUS REPORTING LEVEL ESTABLISHED BY SARA TITLE III, SECTION 313 AND 40 CFR 372.

TOXIC SUBSTANCES CONTROL ACT (TSCA) ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (GERGLA) NO CHEMICALS IN THIS PRODUCT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF CERCLA.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1988 - PROPOSITION 65
BASED ON INFORMATION CURRENTLY AVAILABLE. THIS PRODUCT IS NOT KNOWN TO CONTAIN ANY CHEMICALS
CURRENTLY LISTED AS CARCINGGENS OR REPRODUCTIVE TOXINS UNDER CALIFORNIA PROPOSITION 65 AT. LEVELS
WHICH WOULD BE SUBJECT TO THE PROPOSITION. IF YOU REFORMULATE OR FURTHER PROCESS THIS PRODUCT,
YOU SHOULD FURTHER EVALUATE THIS PRODUCT BASED UPON SUCH REFORMULATION OR PROCESSING, AS WELL AS UPON ITS FINAL COMPOSITION AND USE.

## When the startest of the

Use Statement:

FOR INDUSTRIAL USE ONLY

Signal Word:

CAUTION

Physical Hazards:

SLIPPING HAZARO ON SMOOTH, HARD WALKING AREA.

Health Hazards:

SKIN CONTACT HAZARD SKIN IRRITATION FOLLOWING EXTENDED CONTACT HIGH-PRESSURE INJECTION CAUSES TISSUE DAMAGE

Precentionary Measures:

REMOVE SPILLAGE IMMEDIATELY FROM HARD, SMOOTH WALKING AREAS, AVOID OXIDIZING AGENTS.

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.
USE ONLY WITH ADEQUATE VENTILATION/PERSONAL PROTECTION.
AVOID HIGH-PRESSURE HYDRAULIC SYSTEM LEAKS.

WASH THOROUGHLY AFTER HANDLING, PREVENT CONTACT WITH FOOD, CHEWING, OR SMOKING MATERIALS.

DO NOT TAKE INTERNALLY.

DOT Information: Hazard Class-Proper ShippingUN/NA (D Number- NOT REGULATED

NOT REQULATED

NOT A D.O.T. "HAZARDOUS MATERIAL"

Instructions: in case of fire, useDRY CHEMICAL

WATERSPRAY INERT GAS - HALON/N2

C02 FDAM

First Aid -Inhalation

NOT APPLICABLE.

-Eye Contact

-Skin Controt

-Ingestion

in case of spill,

FLUSH EYES WITH CLEAN, LOW-PRESSURE WATER FOR AT LEAST 15 MINUTES.

OCCASIONALLY LIFTING THE EYELIDS. 1F PAIN OR REDNESS PERSISTS AFTER

FLUSHING, OBTAIN MEDICAL ATTENTION.

REMOVE BY WIPING; THEN WASH SKIN THOROUGHLY WITH PLENTY OF SOAP AND WATER.

REMOVE CONTAMINATED CLOTHING AND THOROUGHLY CLEAN BEFORE REUSE. DISCARD

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PROMPTLY OBTAIN MEDICAL ATTENTION.

CONTAIN LARGE SPILLS AND KEEP IT DUT OF ALL WATER BODIES. IF POSSIBLE.

SAFELY STOP THE FLOW OF SPILL. HOT PRODUCT WILL SOLIDIFY UPON COULING AND

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SPILLS MAY NEED TO BE REPORTED TO NATIONAL RESPONSE CENTER (BOO/424-6802).

TEST RESULTS SHOW THAT INCIDENTAL LEAKAGE OR SPILLS CONSISTENT WITH REGULAR

USE (38 LBS OR LESS) PRESENT NO HAZARD TO THE ENVIRONMENT.

Protective Equipment

-Respiratory

NOT APPLICABLE.

-Eya

SAFETY GLASSES SHOULD BE ADEQUATE PROTECTION UNDER NORMAL CONDITIONS OF USE. IF POTENTIAL EXPOSURE TO HIGH-PRESSURE MATERIAL EXISTS. THEN A FACE AVOID PROLONGED AND/OR REPEATED SKIN CONTACT, OR WEAK IMPERVIOUS PROTECTIVE WHEN LEAVING WORK, WASH HANDS/EXPOSED SKIN WITH SUAP AND WATER. CLOTHING.

-Skin

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