

# Safety Data Sheet



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## Section 1. Chemical Product and Company Identification

**Product Name** CK 2001  
**Product Use** Penetrating Gel Lubricant  
**Product Code** 6871-A20  
**Date of Issue** 1/15/16  
**Supersedes** -

### Emergency Telephone Numbers

**CHEMTREC- 1-800-424-9300**

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

## Section 2. Hazards Identification

### Emergency Overview

**Danger**



### Health Hazards

Specific Target Organ Toxicity-Single Exposure (Narcotic Effects)	Category 3
Specific target Organ Toxicity –repeated exposure	Category 2
Skin Corrosion/Irritation	Category 2
Serious eye damage/ eye irritation	Category 2A
Reproductive toxicity	Category 2
Aspiration hazard	Category 1

### Physical Hazards

Flammable Aerosol	Category 1
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### Environmental Hazards

Hazardous to the aquatic Environment, acute hazard	Category 2
Hazardous to the aquatic environment, long term hazard	Category 2

### Precautionary Statements:

P102	Keep out of reach of children
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, sparks, open flames and hot surfaces – no smoking
P211	Do not spray on an open flame or other ignition sources
P251	Do not pierce or burn, even after use
P261	Avoid breathing in mist, sprays or vapors
P264	Wash hands thoroughly after handling
P271	Use outdoors or in a well-ventilated area
P273	Avoid release to the environment
P280	Wear protective gloves, clothing and eye protection
P301+P310	If Swallowed: immediately call a Poison Center or doctor or physician.
P331	Do not induce vomiting
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P362+P364	Take off contaminated clothing and wash it before reuse
P304+P340+P312	IF INHALED: Remove victim to fresh air and keep in a recovery position comfortable for breathing. Call a poison center or physician if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+P313	IF skin irritation occurs: Get medical advice/attention
P337+P313	IF eye irritation persists: Get medical advice/attention

P362	Remove contaminated clothing and wash before reuse
P403	Store in a well-ventilated area
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 122°F
P501	Dispose of contents and container in accordance with all local, regional, national, and international regulations

**Hazard Statements:**

H222	Extremely flammable aerosol
H315	Causes skin irritation
H304	May be fatal if swallowed and enters airways
H373	May cause damage to organs through prolonged or repeated exposure
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H361	Suspected of damaging fertility of unborn child

**Routes of Entry** Dermal, Oral, and Inhalation**Acute Effects:**

<b>Eyes</b>	Causes serious eye irritation. Overexposure can cause redness and burning sensation
<b>Skin</b>	Causes skin irritation. Overexposure can cause defatting.
<b>Inhalation</b>	Causes irritation, headache, dizziness, nausea and loss of coordination. Overexposure can cause unconsciousness and even death.
<b>Ingestion</b>	Nausea, vomiting and gastrointestinal distress

**Section 3. Composition/Information on Ingredients**

<b>Name of Hazardous Ingredients</b>	<b>CAS Number</b>	<b>% by Weight</b>
Isoparaffinic Petroleum Distillate	64742-47-8	24-42
Hexane	110-54-3	7-17
Acetone	67-64-1	7-17
Petrolatum	8009-03-8	6-15
Butane	106-97-8	4-6
Isobutane	75-28-5	2-4
Propane	74-98-6	2-4

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Rinse cautiously with water for at least 15 minutes holding open eyelids. Remove contact lenses if present and easy to do. If irritation persists, get medical advice or attention.
<b>Skin Contact</b>	Remove all contaminated clothing; wash before reuse. Wash skin with water for at least 15 minutes. Call a poison center or doctor if you feel unwell.
<b>Inhalation</b>	Remove source of exposure or move person to fresh air. Call a poison center or doctor if you feel unwell.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting. Immediately call a poison center or physician. If vomiting occurs, lie on your side in the recovery position. Never give anything orally to an unconscious person.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A)  
(estimated rating)



<b>Hazardous Combustion Products</b>	CO and CO <sub>2</sub>
<b>Extinguishing Media</b>	Water, fog, dry chemical or carbon dioxide
<b>Unsuitable Extinguishing Media</b>	Water may be ineffective but can be used to cool containers
<b>Fire Fighting Procedures</b>	Stop spill/release if it can be done without risk. Move undamaged containers if it can be done safely. Contents under pressure. Keep away from ignition sources and open flames. Exposure to extreme heat and flames can cause them to rupture often with violent force.

Wear appropriate breathing apparatus to reduce exposure.

### Section 6. Accidental Release Measures

**Spill Clean Up** Stop spill/release if it can be done without risk. Prevent spilled material from entering sewers, storm drains and waterways. Eliminate all ignition sources. Avoid contact with spilled material. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for disposal.

### Section 7. Handling and Storage

**Handling and Storage** For industrial use only. Keep away from children. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe in vapors. Do not eat, drink or smoke while using product. Store in a cool, dry place. Protect from sunlight. Empty containers retain residue that may be dangerous.

### Section 8. Exposure Controls/Personal Protection

#### Exposure Limits

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Isoparaffinic petroleum distillate (64742-47-8)	500ppm	-	-	-
Propane (74-98-6)	1,000ppm	1,000ppm	-	2,500ppm
Butane (106-97-8)	-	800ppm	-	1000ppm
Acetone (67-64-1)	1,000ppm	250ppm	-	500ppm
Isobutane (75-28-5)	-	800ppm	-	-
Hexane (110-54-3)	500ppm	50ppm	-	50ppm

**Engineering Controls** Use in a well-ventilated area



#### Personal Protective Equipment (PPE)

**Eyes** Chemical splash goggles  
**Body** Rubber or neoprene gloves, long sleeved shirt and pants  
**Respiratory** Use a NIOSH approved respirator if TLV are reached or exceeded

### Section 9. Physical and Chemical Properties

<b>Physical State</b>	Aerosol	<b>Explosive Limits</b>	Upper: 9.5 Lower: 1
<b>Color</b>	N/A	<b>% VOC</b>	25.000%
<b>Odor</b>	N/A	<b>Vapor Density</b>	Slower than ether
<b>Odor Threshold</b>	N/A	<b>Density</b>	6.60455lb/gal
<b>pH</b>	N/A	<b>Solubility</b>	N/A
<b>Freezing Point</b>	N/A	<b>Partition Coefficient</b>	N/A
<b>Boiling Point</b>	High: 651°F Low:0°F	<b>Auto-Ignition Temp.</b>	N/A
<b>Flash Point</b>	N/A	<b>Decomposition Temp.</b>	N/A
<b>Evaporation Rate</b>	Slower than ether	<b>Viscosity</b>	N/A
<b>Flammability</b>	Flash point below 73°F	<b>Specific Gravity</b>	N/A

### Section 10. Stability and Reactivity

**Stability and Reactivity** Stable  
**Incompatibility** None known

**Hazardous Polymerization** Will not occur  
**Hazardous Decomposition Products** CO and CO<sub>2</sub>  
**Conditions to Avoid** High temperatures

### Section 11. Toxicological Information

**Routes of Entry** Dermal, oral and inhalation  
**Symptoms** See section 2  
**Skin Irritant** Yes. May cause defatting of skin  
**Eye Irritant** Yes. May cause redness or burning sensation  
**Sensitizers** No information found  
**Mutagenicity** No information found  
**Carcinogenicity** No data available  
**Reproductive Toxicity** No information found  
**Target Organs** May cause drowsiness or dizziness due to inhalation STOT Single Exposure.  
 May cause damage to organs through prolonged or repeat exposure  
**Aspiration hazard** May be fatal if swallowed and enters airways

#### Acute Toxicity

##### Hexane CAS# 110-54-3

<b>Dermal</b>	No LD50 data		
<b>Oral</b>	LD50	(oral, rat)	25gm/kg (25000mg/kg)
<b>Inhalation</b>	LC50	(inhalation, rat)	48000ppm/4H (48000ppm)

##### Butane CAS# 106-97-8

<b>Dermal</b>	No LD50 data		
<b>Oral</b>	No LD50 data		
<b>Inhalation</b>	LC50	(inhalation, rat)	658gm/m3/4H (658000mg/m3)

##### Isobutane (CAS# 75-28-5)

<b>Dermal</b>	No LD50 data		
<b>Oral</b>	No LD50 data		
<b>Inhalation</b>	LC50	(inhalation, rat)	57pph/15M (570000ppm)

##### Acetone CAS # 67-64-1

<b>Dermal</b>	LD50	(intravenous, rat)	5500mg/kg (5500mg/kg)
<b>Oral</b>	LD50	(oral, rat)	5800mg/kg (5800mg/kg)
<b>Inhalation</b>	LC50	(inhalation, rat)	50100mg/m3/8H (50100mg/m3)

### Section 12. Ecological Information

**Environmental Effects** Toxic to aquatic life with long lasting effects.

### Section 13. Disposal Considerations

**Waste Information** Dispose of in accordance with all Federal, State and Local pollution control regulations.

### Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	-	Consume Commodity	ORM-D	-	None

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

### Section 15. Regulatory Information

**US Federal Regulations** The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313:

Hexane	110-54-3	7-17%
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The following substances have CERCLA reportable quantity values (in pounds):

Hexane	110-54-3	5,000
Acetone	67-64-1	5,000
		RCRA Code U002

**Propane (CAS # 74-98-6) CAA 112(r) TQ listed: 10,000**

**Isobutane (CAS # 75-28-5) CAA 112(r) TQ listed: 10,000**

**Butane (CAS# 106-97-8)CAA 112(r) TQ listed: 10,000**

**State Regulations** None

### Section 16. Other Information

**Last Revision** 1/14/16

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.