

**KA Oil****00000021217**

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : KA Oil

Number : 00000021217

Product Use Description : Solvent, Chemical-Technical application, Photo Industry, Pharmaceutical

Manufacturer or supplier's details : AdvanSix Inc.  
300 Kimball Dr Ste 101  
Parsippany, NJ 07054

For more information call : 1-844-890-8949  
+1-973-526-1800

**In case of emergency call** : Transportation and/or Poison Control (CHEMTREC):  
1-800-424-9300 or +1-703-527-3887  
:  
: (24 hours/day, 7 days/week)

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

Form : liquid, clear

Color : colourless to yellowish

Odor : aromatic characteristic

**Classification of the substance or mixture**

Classification of the substance or mixture : Flammable liquids, Category 3  
Acute toxicity, Category 4, Oral  
Acute toxicity, Category 3, Dermal  
Skin irritation, Category 2  
Eye irritation, Category 2A  
Specific target organ toxicity - single exposure, Category 3,  
Respiratory system

## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

**GHS Label elements, including precautionary statements**

Symbol(s)

:



Signal word

: Danger

Hazard statements

: Flammable liquid and vapour.  
Harmful if swallowed.  
Toxic in contact with skin.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

Precautionary statements

: **Prevention:**  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
Wash skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.  
  
**Response:**  
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER/doctor if you feel unwell.  
Rinse mouth.  
If skin irritation occurs: Get medical advice/ attention.  
If eye irritation persists: Get medical advice/ attention.  
Remove/ Take off immediately all contaminated clothing.  
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

## KA Oil

### 00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

#### Storage:

Store in a well-ventilated place. Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Store locked up.

#### Disposal:

Dispose of contents/ container to an approved waste disposal plant.

#### Carcinogenicity

ACGIH: Cyclohexanone 108-94-1  
A3: Confirmed animal carcinogen

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : Cyclohexanone Mixture, Ketone Alcohol Oil, Cyclohexanone Solution

Chemical name	CAS-No.	Concentration
Cyclohexanone	108-94-1	50.00 - 80.00 %
Cyclohexanol	108-93-0	20.00 - 50.00 %
Water	7732-18-5	<0.50 %
Total Aromatics		<0.50 %

### SECTION 4. FIRST AID MEASURES

Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Use oxygen as required, provided a qualified operator is present. Call a physician.

Skin contact : Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Call a physician.

**KA Oil****00000021217**

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a physician immediately.

**Notes to physician**

Treatment : Treat symptomatically.

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Foam  
Cool closed containers exposed to fire with water spray.

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

Specific hazards during firefighting : Flammable.  
Vapours may form explosive mixtures with air.  
Vapours are heavier than air and may spread along floors.  
Vapors may travel to areas away from work site before igniting/flashing back to vapor source.  
In case of fire hazardous decomposition products may be produced such as:  
Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide

Special protective equipment for firefighters : In the event of fire and/or explosion do not breathe fumes.  
Wear self-contained breathing apparatus and protective suit.

Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions : Immediately evacuate personnel to safe areas.  
Keep people away from and upwind of spill/leak.

## KA Oil

**00000021217**

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

- Wear personal protective equipment. Unprotected persons must be kept away.  
 Ensure adequate ventilation.  
 Remove all sources of ignition.  
 Pay attention to flashback.  
 Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
 Avoid contact with skin, eyes and clothing.  
 Do not breathe vapours or spray mist.  
 Do not swallow.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.  
 Prevent product from entering drains.  
 Discharge into the environment must be avoided.  
 Do not flush into surface water or sanitary sewer system.  
 Do not allow run-off from fire fighting to enter drains or water courses.
- Methods for cleaning up : Ventilate the area.  
 No sparking tools should be used.  
 Use explosion-proof equipment.  
 Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### SECTION 7. HANDLING AND STORAGE

#### Handling

- Handling : Handle with care.  
 Wear personal protective equipment.  
 Avoid contact with skin, eyes and clothing.  
 Do not breathe vapours or spray mist.  
 Do not swallow.  
 Use only in well-ventilated areas.  
 Keep away from fire, sparks and heated surfaces.  
 Take precautionary measures against static discharges.  
 Ensure all equipment is electrically grounded before beginning transfer operations.  
 Do not smoke.  
 Keep container tightly closed.  
 Re-open used containers with caution.
- Advice on protection against fire and explosion : Vapours may form explosive mixtures with air.  
 Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the

## KA Oil

### 00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

occupational exposure limits.  
 Vapours are heavier than air and may spread along floors.  
 The heavy vapours can overcome a considerable distance up to the source of ignition.  
 Container hazardous when empty.  
 Keep product and empty container away from heat and sources of ignition.  
 Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.  
 Take measures to prevent the build up of electrostatic charge.  
 To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded.  
 Electrical equipment should be protected to the appropriate standard.  
 When transferring from one container to another apply earthing measures and use conductive hose material.  
 No sparking tools should be used.  
 No smoking.

#### Storage

Requirements for storage areas and containers : Storage rooms must be properly ventilated.  
 Keep containers tightly closed in a dry, cool and well-ventilated place.  
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
 Keep away from heat and sources of ignition.  
 Keep away from direct sunlight.  
 Store in area designed for storage of flammable liquids. Protect from physical damage.  
 Store away from incompatible substances.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective measures : Ensure that eyewash stations and safety showers are close to the workstation location.  
 Avoid contact with skin, eyes and clothing.  
 Do not breathe vapours or spray mist.  
 Do not swallow.

Engineering measures : Use with local exhaust ventilation.  
 Prevent vapour buildup by providing adequate ventilation during and after use.

Eye protection : Do not wear contact lenses.

## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

- Wear as appropriate:  
Safety glasses with side-shields  
If splashes are likely to occur, wear:  
Goggles or face shield, giving complete protection to eyes
- Hand protection : Solvent-resistant gloves  
Gloves must be inspected prior to use.  
Replace when worn.
- Skin and body protection : Wear as appropriate:  
Solvent-resistant apron and boots  
Flame retardant antistatic protective clothing.  
If splashes are likely to occur, wear:  
Protective suit
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
For rescue and maintenance work in storage tanks use self-contained breathing apparatus.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
When using, do not eat, drink or smoke.  
Wash hands before breaks and immediately after handling the product.  
Keep working clothes separately.  
Avoid contact with skin, eyes and clothing.  
Do not breathe vapours or spray mist.  
Do not swallow.

**Exposure Guidelines**

Components	CAS-No.	Value	Control parameters	Update	Basis
Cyclohexanone	108-94-1	PEL : Permissible exposure limit	200 mg/m <sup>3</sup> (50 ppm)	02 2006	OSHA_TRANS:US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Cyclohexanone	108-94-1	:	Listed	02 2006	OSHA_TRANS:US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

## SAFETY DATA SHEET



## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Cyclohexanone	108-94-1	TWA PEL : Time Weighted Average (TWA) Permissi ble Exposure Limit (PEL):	100 mg/m3 (25 ppm)	09 2006	US CA OEL:US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants
Cyclohexanone	108-94-1	TWA : Time weighted average	100 mg/m3 (25 ppm)	1989	Z1A:US. OSHA Table Z-1-A (29 CFR 1910.1000)
Cyclohexanone	108-94-1	SKIN_FI NAL : Skin designati on (Final Rule Limit applies):	Can be absorbed through the skin.	1989	Z1A:US. OSHA Table Z-1-A (29 CFR 1910.1000)
Cyclohexanone	108-94-1	REL : Recomm ended exposure limit (REL):	100 mg/m3 (25 ppm)	2005	NIOSH/GUIDE:US. NIOSH: Pocket Guide to Chemical Hazards
Cyclohexanone	108-94-1	TWA : Time weighted average	(20 ppm)	2008	ACGIH:US. ACGIH Threshold Limit Values
Cyclohexanone	108-94-1	SKIN_DE S : Skin designati on:	Can be absorbed through the skin.	2005	NIOSH/GUIDE:US. NIOSH: Pocket Guide to Chemical Hazards



## SAFETY DATA SHEET



## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Cyclohexanone	108-94-1	SKIN_DES : Skin designation:	Can be absorbed through the skin.	2008	ACGIH:US. ACGIH Threshold Limit Values
Cyclohexanone	108-94-1	SKIN_DES : Skin designation:	Can be absorbed through the skin.	09 2006	US CA OEL:US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants
Cyclohexanone	108-94-1	SKIN_DES : Skin designation:	Can be absorbed through the skin.	06 2008	TN OEL:US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A
Cyclohexanone	108-94-1	AN ESL : Annual ESL:	80 µg/m3 Health	11 2016	TX ESL:US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality)
Cyclohexanone	108-94-1	TWA : Time weighted average	100 mg/m3 (25 ppm)	06 2008	TN OEL:US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A
Cyclohexanone	108-94-1	STEL : Short term exposure limit	(50 ppm)	2008	ACGIH:US. ACGIH Threshold Limit Values

## SAFETY DATA SHEET



## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Cyclohexanone	108-94-1	ST ESL : Short-Term ESL:	800 µg/m3 Health	11 2016	TX ESL:US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality)
---------------	----------	--------------------------------	---------------------	------------	---

Cyclohexanone	108-94-1	AN ESL : Annual ESL:	20 ppb Health	11 2016	TX ESL:US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality)
---------------	----------	----------------------------	------------------	------------	---

Cyclohexanone	108-94-1	ST ESL : Short-Term ESL:	200 ppb Health	11 2016	TX ESL:US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality)
---------------	----------	--------------------------------	-------------------	------------	---

Cyclohexanol	108-93-0	TWA : Time weighted average	200 mg/m3 (50 ppm)	1989	Z1A:US. OSHA Table Z-1-A (29 CFR 1910.1000)
--------------	----------	--------------------------------------	-----------------------	------	---

Cyclohexanol	108-93-0	PEL : Permissible exposure limit	200 mg/m3 (50 ppm)	02 2006	OSHA_TRANS:US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
--------------	----------	---	-----------------------	------------	--

Cyclohexanol	108-93-0	TWA : Time weighted average	(50 ppm)	2008	ACGIH:US. ACGIH Threshold Limit Values
--------------	----------	--------------------------------------	----------	------	--

## SAFETY DATA SHEET



## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Cyclohexanol	108-93-0	SKIN_FINAL : Skin designation (Final Rule Limit applies):	Can be absorbed through the skin.	1989	Z1A:US. OSHA Table Z-1-A (29 CFR 1910.1000)
Cyclohexanol	108-93-0	REL : Recommended exposure limit (REL):	200 mg/m3 (50 ppm)	2005	NIOSH/GUIDE:US. NIOSH: Pocket Guide to Chemical Hazards
Cyclohexanol	108-93-0	SKIN_DES : Skin designation:	Can be absorbed through the skin.	2008	ACGIH:US. ACGIH Threshold Limit Values
Cyclohexanol	108-93-0	:	Listed	02 2006	OSHA_TRANS:US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Cyclohexanol	108-93-0	TWA PEL : Time Weighted Average (TWA) Permissible Exposure Limit (PEL):	200 mg/m3 (50 ppm)	09 2006	US CA OEL:US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants
Cyclohexanol	108-93-0	SKIN_DES : Skin designation:	Can be absorbed through the skin.	2005	NIOSH/GUIDE:US. NIOSH: Pocket Guide to Chemical Hazards

## SAFETY DATA SHEET



## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Cyclohexanol	108-93-0	SKIN_DES : Skin designation:	Can be absorbed through the skin.	09 2006	US CA OEL:US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants
--------------	----------	------------------------------	-----------------------------------	------------	--

Cyclohexanol	108-93-0	TWA : Time weighted average	200 mg/m3 (50 ppm)	06 2008	TN OEL:US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A
--------------	----------	-----------------------------	--------------------	------------	---

Cyclohexanol	108-93-0	SKIN_DES : Skin designation:	Can be absorbed through the skin.	06 2008	TN OEL:US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A
--------------	----------	------------------------------	-----------------------------------	------------	---

Cyclohexanol	108-93-0	ST ESL : Short-Term ESL:	630 µg/m3 Screening levels that have the odor designations represent the levels of constituents in the air at which the odor would be a nuisance.	11 2016	TX ESL:US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality)
--------------	----------	--------------------------	---	------------	--

Cyclohexanol	108-93-0	ST ESL : Short-Term ESL:	150 ppb Screening levels that have the odor designations represent the levels of constituents in the air at which the odor would be a nuisance.	11 2016	TX ESL:US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality)
--------------	----------	--------------------------	---	------------	--

**KA Oil****00000021217**

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	: liquid, clear
Color	: colourless to yellowish
Odor	: aromatic characteristic
pH	: Note: Not applicable
Melting point/freezing point	: Note: no data available
Boiling point/boiling range	: 155 - 161 °C
Flash point	: 122 °F (50 °C) Method: closed cup
Evaporation rate	: < 1
Lower explosion limit	: estimated 1.1 %(V)
Upper explosion limit	: 12.75 %(V)
Vapor pressure	: 0.133 - 0.533 kPa
Vapor density	: 3.4 Note: (Air = 1.0)
Density	: 0.95 g/cm <sup>3</sup>
Ignition temperature	: > 300 °C

## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

**SECTION 10. STABILITY AND REACTIVITY**

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Hazardous polymerisation does not occur.
Conditions to avoid	: Heat, flames and sparks. Keep away from direct sunlight.
Incompatible materials to avoid	: Acids Bases Oxidizing agents Nitric acid May attack many plastics, rubbers and coatings.
Hazardous decomposition products	: Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO <sub>2</sub> )

**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity	: LD50: 1,535 mg/kg Species: Rat
Acute inhalation toxicity	: LC50: 32,080 mg/m <sup>3</sup> 8000 ppm Exposure time: 4 h Species: Rat
Acute dermal toxicity	: LD50: 948 mg/kg Species: Rabbit  : LD50: > 794 - < 3,160 mg/kg Species: Rabbit, male and female
Skin irritation	: Species: Rabbit Result: irritating  : Species: Rabbit Result: irritating Method: OECD Test Guideline 404

## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

- Eye irritation : Species: Rabbit  
Result: irritating
- Sensitisation  
Cyclohexanol : Maximisation Test  
Species: Guinea pig  
Classification: non-sensitizing  
Method: OECD Test Guideline 406
- Repeated dose toxicity  
Cyclohexanol : Species: Rat  
Application Route: Ingestion  
NOAEL (No observed adverse effect level): 143 mg/kg bw/d  
Test substance: REACH dossier "read-across"  
Method: OECD 408  
Subchronic toxicity
- Genotoxicity in vitro  
Cyclohexanol : Test Method: Ames test  
Result: negative  
Method: Mutagenicity (Salmonella typhimurium - reverse mutation assay)
- : Test Method: In vitro mammalian cell gene mutation test  
Result: negative  
Method: OECD Test Guideline 476
- Genotoxicity in vivo  
Cyclohexanol : Test Method: Chromosome aberration test in vitro  
Method: OECD Test Guideline 474  
Result: negative
- Reproductive toxicity  
Cyclohexanol : Test Method: Two-generation study  
Species: Rat  
NOAEC: 4.1 mg/l  
NOAEC: 2.04 mg/l  
Method: OECD Test Guideline 416  
Note: REACH dossier "read-across"

## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Teratogenicity  
Cyclohexanol: Species: Rat  
NOAEC: 1,400 ppm  
Note: REACH dossier "read-across"

Further information

: Note: Confirmed animal carcinogen with unknown relevance to humans.

## SECTION 12. ECOLOGICAL INFORMATION

## Ecotoxicity effects

Toxicity to fish

: flow-through test  
LC50: 527 mg/l  
Exposure time: 96 h  
Species: Pimephales promelas (fathead minnow)Toxicity to daphnia and other  
aquatic invertebrates: EC50: 820 mg/l  
Exposure time: 48 h  
Species: Daphnia (water flea)Toxicity to algae  
Cyclohexanol: Growth rate  
EC50: > 500 mg/l  
Exposure time: 72 h  
Species: scenedesmus subspicatusstatic test  
EC50: 433 mg/l  
Exposure time: 96 h  
Species: Desmodesmus subspicatus (green algae)Growth rate  
NOEC: 0.03 mg/l  
Exposure time: 72 h  
Species: scenedesmus subspicatusToxicity to bacteria  
Cyclohexanol: static test  
EC20: > 1,995 mg/l  
Exposure time: 30 min



## KA Oil

### 00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Species: activated sludge  
Method: OECD 209

#### Elimination information (persistence and degradability)

Biodegradability : Result: Readily biodegradable.  
Value: > 60 %

#### Further information on ecology

Additional ecological information : The product is readily degradable in the environment.  
Do not flush into surface water or sanitary sewer system.

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : Observe all Federal, State, and Local Environmental regulations.

### SECTION 14. TRANSPORT INFORMATION

**DOT** UN/ID No. : UN 1915  
Proper shipping name : CYCLOHEXANONE SOLUTION  
Class : 3  
Packing group : III  
Hazard Labels : 3

**IATA** UN/ID No. : UN 1915  
Description of the goods : CYCLOHEXANONE SOLUTION  
(Cyclohexanone)  
Class : 3  
Packaging group : III  
Hazard Labels : 3  
Packing instruction (cargo aircraft) : 366  
Packing instruction (passenger aircraft) : 355  
Packing instruction (passenger aircraft) : Y344

**IMDG** UN/ID No. : UN 1915  
Description of the goods : CYCLOHEXANONE SOLUTION  
(CYCLOHEXANONE)  
Class : 3

## KA Oil

### 00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

Packaging group	:	III
Hazard Labels	:	3
EmS Number	:	F-E, S-D
Marine pollutant	:	no

## SECTION 15. REGULATORY INFORMATION

### Inventories

US. Toxic Substances Control Act	:	On TSCA Inventory
Australia. Industrial Chemical (Notification and Assessment) Act	:	On the inventory, or in compliance with the inventory
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL)	:	All components of this product are on the Canadian DSL
Japan. Kashin-Hou Law List	:	On the inventory, or in compliance with the inventory
Korea. Existing Chemicals Inventory (KECI)	:	On the inventory, or in compliance with the inventory
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	:	On the inventory, or in compliance with the inventory
China. Inventory of Existing Chemical Substances	:	On the inventory, or in compliance with the inventory
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	:	On the inventory, or in compliance with the inventory

### National regulatory information

<b>SARA 302 Components</b>	:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
<b>SARA 313 Components</b>	:	The following components are subject to reporting levels

## KA Oil

00000021217

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

	established by SARA Title III, Section 313:	
	: Cyclohexanol	108-93-0
<b>SARA 311/312 Hazards</b>	: Fire Hazard Acute Health Hazard	
<b>California Prop. 65</b>	: WARNING: This product can expose you to chemical(s) including the below, which is/are known to the State of California to cause cancer. For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .	
	Benzene	71-43-2
	Ethylbenzene	100-41-4
	Cumene	98-82-8
	: WARNING: This product can expose you to chemical(s) below, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> .	
	Benzene	71-43-2
<b>Massachusetts RTK</b>	: Cyclohexanone	108-94-1
	: Cyclohexanol	108-93-0
	: Benzene	71-43-2
<b>New Jersey RTK</b>	: Cyclohexanone	108-94-1
	: Cyclohexanol	108-93-0
<b>Pennsylvania RTK</b>	: Cyclohexanone	108-94-1
	: Cyclohexanol	108-93-0

## SECTION 16. OTHER INFORMATION

	HMIS III	NFPA
Health hazard	: 2	1
Flammability	: 2	2
Physical Hazard	: 0	
Instability	:	0

Hazard rating and rating systems (e.g. HMIS® III, NFPA): This information is intended solely for the use of individuals trained in the particular system.

**KA Oil****00000021217**

Version 1.4

Revision Date 11/13/2019

Print Date 11/13/2019

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Previous Issue Date: 06/06/2018

Prepared by AdvanSix Product Stewardship Group