



Univar  
3075 Highland Pkwy STE 200  
Downers Grove, IL 60515  
425-889-3400

## SAFETY DATA SHEET

### 1. Identification

**Product identifier:** BLEND VINOSAN OXY K-PLUS

**Other means of identification**

**SDS number:** 000100003658

**Recommended use and restriction on use**

**Recommended use:** Reserved for industrial and professional use.

**Restrictions on use:** Not known.

**Emergency telephone number:**For emergency assistance Involving chemicals

call CHEMTREC day or night at: 1-800-424-9300. CHEMTREC INTERNATIONAL Tel# 703-527-3887

### 2. Hazard(s) identification

**Hazard classification**

**Health hazards**

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

**Label elements**

**Hazard symbol**



**Signal word**

Warning

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Revision date: 07/07/2016



**Hazard statement** Causes skin irritation.  
Causes serious eye irritation.

**Precautionary statement**

**Prevention** Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see this label). Take off contaminated clothing and wash before reuse.

**Other hazards which do not result in GHS classification** None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical identity	Common name and synonyms	CAS number	Content in percent (%)*
Potassium Carbonate		584-08-7	50 - 80%
Tetrapotassium pyrophosphate		7320-34-5	<25%
Sodium Percarbonate		15630-89-4	<15%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

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**Ingestion:** Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

**Inhalation:** Move to fresh air.

**Skin contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Eye contact:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**Most important symptoms/effects, acute and delayed**

**Symptoms:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** Get medical attention if symptoms occur.

**5. Fire-fighting measures**

**General fire hazards:** No unusual fire or explosion hazards noted.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Foam. Carbon dioxide or dry powder.

**Unsuitable extinguishing media:** No data available.

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

**Methods and material for containment and cleaning up:** Sweep or scoop up and remove.

**Notification Procedures:** Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

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**Environmental precautions:** Do not contaminate water sources or sewer.

### 7. Handling and storage

**Precautions for safe handling:** Avoid contact with eyes. Wash hands thoroughly after handling. Avoid contact with skin.

**Conditions for safe storage, including any incompatibilities:** Store away from incompatible materials. Store in original tightly closed container.

### 8. Exposure controls/personal protection

#### Control parameters

##### Occupational exposure limits

None of the components have assigned exposure limits.

##### Appropriate engineering controls

No data available.

#### Individual protection measures, such as personal protective equipment

##### General information:

Provide easy access to water supply and eye wash facilities. Use personal protective equipment as required. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

##### Eye/face protection:

Wear safety glasses with side shields (or goggles).

##### Skin protection

###### Hand protection:

Chemical resistant gloves

###### Other:

Chemical resistant clothing

##### Respiratory protection:

In case of inadequate ventilation use suitable respirator.

##### Hygiene measures:

Avoid contact with eyes. Observe good industrial hygiene practices. Wash contaminated clothing before reuse. Avoid contact with skin. Wash hands before breaks and immediately after handling the product.

### 9. Physical and chemical properties

##### Physical state:

Solid

##### Form:

No data available.

##### Color:

No data available.

##### Odor:

No data available.

##### Odor threshold:

No data available.

##### pH:

10 - 12

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<b>Melting point/freezing point:</b>	No data available.
<b>Initial boiling point and boiling range:</b>	No data available.
<b>Flash Point:</b>	No data available.
<b>Evaporation rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	No data available.
<b>Flammability limit - lower (%):</b>	No data available.
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.

#### 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	Avoid heat or contamination.
<b>Incompatible materials:</b>	No data available.
<b>Hazardous decomposition products:</b>	No data available.

#### 11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

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**Ingestion:** No data available.  
**Inhalation:** No data available.  
**Skin contact:** No data available.  
**Eye contact:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** ATEmix ( ): 2,111.33 mg/kg

**Dermal**

**Product:** ATEmix ( ): 2,769.23 mg/kg

**Inhalation**

**Product:** No data available.

**Specified substance(s):**

Potassium Carbonate LC 50 (Rat, ): > 4.96 mg/l (, Yes) 2 = reliable with restrictions

**Repeated dose toxicity**

**Product:** No data available.

**Skin corrosion/irritation**

**Product:** No data available.

**Serious eye damage/eye irritation**

**Product:** No data available.

**Respiratory or skin sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ cell mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific target organ toxicity - single exposure**

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**Product:** No data available.  
**Specific target organ toxicity - repeated exposure**  
**Product:** No data available.  
**Aspiration hazard**  
**Product:** No data available.  
**Other effects:** No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

Potassium Carbonate LC 50 (Fathead minnow (*Pimephales promelas*), 24 h): 750 - 1,340 mg/l  
Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 48 h): 750 - 880 mg/l  
Mortality LC 50 (Fathead minnow (*Pimephales promelas*), 96 h): < 750 mg/l  
Mortality

##### Aquatic invertebrates

**Product:** No data available.

##### Specified substance(s):

Potassium Carbonate LC 50 (Water flea (*Ceriodaphnia dubia*), 24 h): 580 - 670 mg/l  
Mortality LC 50 (Water flea (*Daphnia magna*), 24 h): 440 - 880 mg/l  
Mortality LC 50 (Water flea (*Ceriodaphnia dubia*), 48 h): 580 - 670 mg/l  
Mortality LC 50 (Water flea (*Daphnia magna*), 48 h): 380 - 820 mg/l  
Mortality

Tetrapotassium pyrophosphate

LC 50 (Zebra mussel (*Dreissena polymorpha*), 24 h): 72 - 158 mg/l  
Mortality

#### Chronic hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Aquatic invertebrates

**Product:** No data available.

##### Toxicity to Aquatic Plants

**Product:** No data available.

#### Persistence and degradability

##### Biodegradation

**Product:** No data available.

##### BOD/COD ratio

**Product:** No data available.

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**Bioaccumulative potential**

**Bioconcentration factor (BCF)**

**Product:** No data available.

**Partition coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

Potassium carbonate No data available.

Tetrapotassium No data available.

pyrophosphate

Sodium Percarbonate No data available.

**Known or predicted distribution to environmental compartments**

Tetrapotassium No data available.

pyrophosphate

**13. Disposal considerations**

**Disposal instructions:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated packaging:** Since emptied containers retain product residue, follow label warnings even after container is emptied.

**14. Transport information**

**DOT**

UN number: UN 1759

UN proper shipping name: Corrosive solids, n.o.s.(Tetrapotassium pyrophosphate, Sodium Percarbonate)

Transport hazard class(es)

Class: 8

Label(s): 8

Packing group: II

Marine Pollutant: Not regulated.



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Special precautions for user: -

**IMDG**

UN number: UN 1759  
UN proper shipping name: CORROSIVE SOLID, N.O.S.  
Transport hazard class(es)  
Class: 8  
Label(s): 8  
EmS No.: F-A, S-B  
Packing group: II  
Marine Pollutant: Not regulated.  
Special precautions for user: -

**IATA**

UN number: UN 1759  
Proper Shipping Name: Corrosive solid, n.o.s.(Tetrapotassium pyrophosphate, Sodium Percarbonate)  
Transport hazard class(es):  
Class: 8  
Label(s): 8  
Packing group: II  
Environmental hazards: Not regulated.  
Special precautions for user: -  
Other information  
Passenger and cargo aircraft: Allowed.  
Cargo aircraft only: Allowed.

**15. Regulatory information**

**US federal regulations US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

**Superfund amendments and reauthorization act of 1986 (SARA)**

**Hazard categories**

Not listed.

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**SARA 302 Extremely hazardous substance**

None present or none present in regulated quantities.

**SARA 304 Emergency release notification**

None present or none present in regulated quantities.

**SARA 311/312 Hazardous chemical**

<b>Chemical identity</b>	<b>Threshold Planning Quantity</b>
Potassium Carbonate	500 lbs
Sodium Percarbonate	500 lbs

**SARA 313 (TRI reporting)**

None present or none present in regulated quantities.

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

**US state regulations**

**US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.

**US. New Jersey Worker and Community Right-to-Know Act**

No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

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<b>Inventory Status:</b> Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EINECS, ELINCS or NLP:	On or in compliance with the inventory
Japan (ENCS) List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

**16. Other information, including date of preparation or last revision**

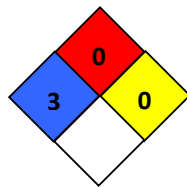
**HMIS Hazard ID**

<b>Health</b>	3
<b>Flammability</b>	0
<b>Physical hazards</b>	0
<b>PERSONAL PROTECTION</b>	B

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; \*Chronic health effect

**NFPA Hazard ID**



	Flammability
	Health
	Reactivity
	Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

**Issue date:** 07/07/2016  
**Revision date:** No data available.  
**Version #:** 1.1  
**Further information:** No data available.

## Univar USA Inc Safety Data Sheet

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For Additional Information contact SDS Coordinator during business hours, Pacific time: (425) 889-3400

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