



MINI SDS

Oxycon Online Silica Reagent 3

INGREDIENTS	CAS NO	%	8HR OEL
oxalic acid dihydrate	6153-56-6	>60	1 mg/m3

GHS	DG
	 <p>UN No: 3261 Hazchem Code: 2X DG Class: 8 Subsidiary Risk: Not Applicable Packing Group: III Poisons Schedule: S6</p>

PROPERTIES



Solid. Mixes with water. Corrosive. Acid. Combustible.

EMERGENCY



FIRST AID

Swallowed:	Give water (if conscious). URGENT MEDICAL ATTENTION.
Eye:	Wash with running water (15 mins). Medical attention.
Skin:	Flood body with water. Remove contaminated clothing. Wash with water
Inhaled:	Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.
Advice To Doctor:	Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.
Fire Fighting:	Water spray/ fog.
Spills and Disposal:	Eliminate ignition sources. Avoid dust. Prevent from entering drains. Contain spillage by any means. Sweep shovel to safe place. Neutralize with soda ash/ lime. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.

HEALTH HAZARD INFORMATION

Signal word: **Danger**

Hazard statement(s):	H290 May be corrosive to metals.
	H302 Harmful if swallowed.
	H312 Harmful in contact with skin.
	H314 Causes severe skin burns and eye damage.
	H373 May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONS FOR USE



Appropriate engineering controls:	General Exhaust Ventilation adequate.
Glasses:	Consider full face-shield.
Gloves:	PVC chemical resistant type.
Respirator:	Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)
Storage and Transportation:	Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Dispose of this material and its container at hazardous or special waste collection point. Keep locked up. Keep out of reach of children. Keep away from living quarters. Keep away from food, drink and animal feeding stuffs.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen. Dispose of this material and its container at hazardous or special waste collection point.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS






x — Must not be stored together
0 — May be stored together with specific preventions
+ — May be stored together


MINI SDS

Oxycon On-Line Silica Reagent 4a

INGREDIENTS	CAS NO	%	8HR OEL
sulfuric acid	7664-93-9	25	1 mg/m3

GHS	DG
	 <p>UN No: 2796 Hazchem Code: 2R DG Class: 8 Subsidiary Risk: Not Applicable Packing Group: II Poisons Schedule: S6</p>


PROPERTIES
 <p>Liquid. Mixes with water. Corrosive. Acid. Does not burn.</p>

HEALTH HAZARD INFORMATION


Signal word:	Danger
Hazard statement(s):	H332 Harmful if inhaled. H314 Causes severe skin burns and eye damage.

PRECAUTIONS FOR USE


Appropriate engineering controls:	General Exhaust Ventilation adequate.
Glasses:	Consider full face-shield.
Gloves:	1.NATURALRUBBER 2.NEOPRENE
Respirator:	Type E-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)
Storage and Transportation:	Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point. Keep locked up. Keep out of reach of children. Keep away from living quarters. Keep away from food, drink and animal feeding stuffs.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point.

EMERGENCY


FIRST AID	
Swallowed:	Give water (if conscious). URGENT MEDICAL ATTENTION.
Eye:	Wash with running water (15 mins). Medical attention.
Skin:	Flood body with water. Remove contaminated clothing. Wash with water
Inhaled:	Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.
Advice To Doctor:	Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.
Fire Fighting:	Keep surrounding area cool. Water spray/fog.
Spills and Disposal:	Absorb with dry agent. Dilute with water. Neutralize with soda ash/ lime. Stop leak if safe to do so. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.


SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

<p>x — Must not be stored together 0 — May be stored together with specific preventions + — May be stored together</p>

MINI SDS

Oxycon On-Line Silica Reagent 4b

INGREDIENTS	CAS NO	%	8HR OEL
ammonium ferrous sulfate	10045-89-3	>60	1 mg/m3

GHS	DG
	UN No: Not Applicable Hazchem Code: Not Applicable DG Class: Not Applicable Subsidiary Risk: Not Applicable Packing Group: Not Applicable Poisons Schedule: Not Applicable

PROPERTIES



Solid. Mixes with water. Does not burn.

EMERGENCY



FIRST AID

Swallowed:	Give water (if conscious). Seek medical advice.
Eye:	Wash with running water.
Skin:	Remove contaminated clothing. Wash with soap & water.
Inhaled:	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
Advice To Doctor:	Treat symptomatically. Treat symptoms NOT history. Emesis. Deferoxamine may be antidotal.
Fire Fighting:	Keep surrounding area cool. Water spray/fog.
Spills and Disposal:	Avoid dust. Sweep shovel to safe place. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.

HEALTH HAZARD INFORMATION

Signal word: **Warning**

Hazard statement(s):	H315	H319	H335
	Causes skin irritation.	Causes serious eye irritation.	May cause respiratory irritation.

PRECAUTIONS FOR USE



Glasses:	Consider chemical goggles.
Respirator:	Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)
Storage and Transportation:	Store in cool, dry, protected area. Dispose of this material and its container at hazardous or special waste collection point. Keep out of reach of children.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Dispose of this material and its container at hazardous or special waste collection point.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS




x — Must not be stored together
0 — May be stored together with specific preventions
+ — May be stored together

MINI SDS

Oxycon On-Line Silica Reagent 1a

INGREDIENTS	CAS NO	%	8HR OEL
ammonium molybdate oxide	11098-84-3	>60	5 mg/m3

GHS	DG
	UN No: Not Applicable Hazchem Code: Not Applicable DG Class: Not Applicable Subsidiary Risk: Not Applicable Packing Group: Not Applicable Poisons Schedule: Not Applicable

PROPERTIES



Solid. Mixes with water. Does not burn.

EMERGENCY



FIRST AID

Swallowed:	Give water (if conscious). Seek medical advice.
Eye:	Wash with running water.
Skin:	Remove contaminated clothing. Wash with soap & water.
Inhaled:	Blow nose. Rinse mouth with water.
Advice To Doctor:	Treat symptomatically.
Fire Fighting:	Keep surrounding area cool. Water spray/fog.
Spills and Disposal:	Avoid dust. Sweep shovel to safe place. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way.

HEALTH HAZARD INFORMATION

Signal word: **Warning**

Hazard statement(s): **H373** May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONS FOR USE



Glasses:	Consider chemical goggles.
Respirator:	Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)
Storage and Transportation:	Store in cool, dry, protected area. Dispose of this material and its container at hazardous or special waste collection point. Keep out of reach of children.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Dispose of this material and its container at hazardous or special waste collection point.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



X — Must not be stored together



O — May be stored together with specific preventions

+ — May be stored together

MINI SDS

Oxycon On-Line Silica Reagent 1b

INGREDIENTS	CAS NO	%	8HR OEL
sodium hydroxide	1310-73-2	>60	-

GHS	DG
	 <p>UN No: 1823 Hazchem Code: 2W DG Class: 8 Subsidiary Risk: Not Applicable Packing Group: II Poisons Schedule: S6</p>

PROPERTIES



Solid. Mixes with water. Corrosive. Alkaline. Does not burn.

EMERGENCY



FIRST AID

Swallowed:	Give water (if conscious). URGENT MEDICAL ATTENTION.
Eye:	Wash with running water (15 mins). Medical attention.
Skin:	Flood body with water. Remove contaminated clothing. Wash with water
Inhaled:	Fresh air. Rest, keep warm. If breath shallow, give oxygen. Medical attention.
Advice To Doctor:	Supportive care. Irrigate eyes with saline. Supportive care.
Fire Fighting:	Keep surrounding area cool. Water spray/fog.
Spills and Disposal:	Avoid dust. Prevent from entering drains. Contain spillage by any means. Sweep shovel to safe place. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.

HEALTH HAZARD INFORMATION



Signal word: **Danger**

Hazard statement(s):
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.

PRECAUTIONS FOR USE



Appropriate engineering controls:	Local Exhaust Ventilation recommended.
Glasses:	Consider full face-shield.
Gloves:	1.BUTYL 2.NAT+NEOPR+NITRILE
Respirator:	Particulate. (AS/NZS 1716 & 1715, EN 143:2000 & 149:001, ANSI Z88 or national equivalent)
Storage and Transportation:	Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Dispose of this material and its container at hazardous or special waste collection point. Keep locked up. Keep out of reach of children. Keep away from living quarters.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Dispose of this material and its container at hazardous or special waste collection point.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS





x — Must not be stored together
0 — May be stored together with specific preventions
+ — May be stored together

MINI SDS

Oxycon On-Line Silica Reagent 2

INGREDIENTS	CAS NO	%	8HR OEL
sulfuric acid	7664-93-9	25	1 mg/m3

GHS	DG
	 <p>UN No: 2796 Hazchem Code: 2R DG Class: 8 Subsidiary Risk: Not Applicable Packing Group: II Poisons Schedule: S6</p>

PROPERTIES



Liquid. Mixes with water. Corrosive. Acid. Does not burn.

EMERGENCY



FIRST AID

Swallowed:	Give water (if conscious). URGENT MEDICAL ATTENTION.
Eye:	Wash with running water (15 mins). Medical attention.
Skin:	Flood body with water. Remove contaminated clothing. Wash with water
Inhaled:	Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.
Advice To Doctor:	Airway problems - 100% O2. Treat burns as thermal. Retract eyelids - irrigate 30 mins. Retract eyelids/ Irrigate 30 mins.
Fire Fighting:	Keep surrounding area cool. Water spray/fog.
Spills and Disposal:	Absorb with dry agent. Dilute with water. Neutralize with soda ash/ lime. Stop leak if safe to do so. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS



x — Must not be stored together
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HEALTH HAZARD INFORMATION

Signal word: **Danger**

Hazard statement(s): H332 Harmful if inhaled.
 H314 Causes severe skin burns and eye damage.

PRECAUTIONS FOR USE



Appropriate engineering controls:	General Exhaust Ventilation adequate.
Glasses:	Consider full face-shield.
Gloves:	1.NATURALRUBBER 2.NEOPRENE
Respirator:	Type E-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)
Storage and Transportation:	Store in cool, dry, protected area. Restrictions on Storage apply. Refer to Full Report. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point. Keep locked up. Keep out of reach of children. Keep away from living quarters. Keep away from food, drink and animal feeding stuffs.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Attacks metals to liberate hydrogen. Use only in well ventilated areas. Dispose of this material and its container at hazardous or special waste collection point.