

**Sulfur Control Type G**

Version 1.4

Revision Date 2016-01-15

SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product information**

Product Name : Sulfur Control Type G
Material : 1096738

Company : Chevron Phillips Chemical Company LP
10001 Six Pines Drive
The Woodlands, TX 77380

Local : Chevron Phillips Chemicals International N.V.
Brusselsesteenweg 355
B-3090 Overijse
Belgium

SDS Requests: (800) 852-5530
Technical Information: (832) 813-4862
Responsible Party: Product Safety Group
Email:sds@cpchem.com

Emergency telephone:**Health:**

866.442.9628 (North America)
1.832.813.4984 (International)

Transport:

CHEMTREC 800.424.9300 or 703.527.3887(int'l)
Asia: +800 CHEMCALL (+800 2436 2255) China:+86-21-22157316
EUROPE: BIG +32.14.584545 (phone) or +32.14583516 (telefax)
South America SOS-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600

Responsible Department : Product Safety and Toxicology Group
E-mail address : SDS@CPChem.com
Website : www.CPChem.com

SECTION 2: Hazards identification**Classification of the substance or mixture
REGULATION (EC) No 1272/2008**

Corrosive to Metals, Category 1

H290:
May be corrosive to metals.

Skin corrosion, Category 1B

H314:
Causes severe skin burns and eye damage.

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Serious eye damage, Category 1

H318:

Causes serious eye damage.

Label elements**Labeling (REGULATION (EC) No 1272/2008)**

Hazard pictograms

:



Signal Word

: Danger

Hazard Statements

: H290
H314

May be corrosive to metals.

Causes severe skin burns and eye damage.

Precautionary Statements

: **Prevention:**

P260

Do not breathe
dust/fume/gas/mist/vapors/spray.

P280

Wear protective gloves/ protective clothing/
eye protection/ face protection.**Response:**P303 + P361 + P353 IF ON SKIN (or hair): Take off
immediately all contaminated clothing.
Rinse skin with water/shower.P304 + P340 + P310 IF INHALED: Remove person to fresh
air and keep comfortable for breathing.
Immediately call a POISON CENTER or
doctor/ physician.P305 + P351 + P338 IF IN EYES: Rinse cautiously with
water for several minutes. Remove contact
lenses, if present and easy to do. Continue
rinsing.P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously
with water for several minutes. Remove
contact lenses, if present and easy to do.
Continue rinsing. Immediately call a
POISON CENTER or doctor/ physician.

Hazardous ingredients which must be listed on the label:

- 12136-45-7 Potassium Oxide

SECTION 3: Composition/information on ingredients

Synonyms

: Catalyst G
CPChem Sulfur Control G

Molecular formula

: Mixture

Mixtures**Hazardous ingredients**

Chemical Name	CAS-No.	Classification	Concentration
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	EC-No. Index No.	(REGULATION (EC) No 1272/2008)	[wt%]
Alumina Oxide	1344-28-1 215-691-6		70 - 95
Potassium Oxide	12136-45-7 235-227-6	Met. Corr. 1; H290 Skin Corr. 1B; H314	5 - 20

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

- General advice : Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance.
- If inhaled : If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. If on skin, rinse well with water. If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

SECTION 5: Firefighting measures

- Flash point : Not applicable
- Autoignition temperature : Not applicable
- Unsuitable extinguishing media : High volume water jet.
- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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Fire and explosion protection : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hazardous decomposition products : None.

SECTION 6: Accidental release measures

Personal precautions : Use personal protective equipment. Avoid dust formation. Avoid breathing dust.

Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up : Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage**Handling**

Advice on safe handling : Avoid formation of respirable particles. Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Storage

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8: Exposure controls/personal protection**Ingredients with workplace control parameters****SK**

Zložka	Podstata	Hodnota	Kontrolné parametre	Poznámka
Alumina Oxide	SK OEL	NPEL priemerný	1,5 mg/m3	respirabilná frakcia
	SK OEL	NPEL priemerný	4 mg/m3	inhalovateľná frakcia
	SK OEL	NPEL priemerný	0,1 mg/m3	4, 3, Tabuľka č. 2, 1, 5, respirabilná frakcia

1 Za fibrogénny sa považuje nerozpustný pevný aerosól, vrátane kvapiek aerosólu, ktorý obsahuje viac ako 1 % fibrogénnej zložky a v pokuse na zvierati vykazuje zreteľnú fibrogénnu reakciu pľúcneho tkaniva. Ak je v aerosóle obsiahnutá fibrogénna zložka, musí sa stanoviť vždy jeho respirabilná frakcia a koncentrácia fibrogénnej zložky. V prípade, že aerosól obsahuje menej než 1 % SiO₂ a neobsahuje azbest, považuje sa za aerosól s prevažne nešpecifickým účinkom

3 Respirabilná frakcia je váhový podiel častíc pevného aerosólu ≤ 5 µm odobraného vo vzorke ovzdušia v dýchacej zóne zamestnanca. Spôsob a techniku odberu, stanovenie koncentrácie polietavého prachu v respirabilnej a inhalovateľnej frakcii v pracovnom ovzduší podľa prijatej Johannesburgskej konvencie upravuje STN EN 481. Stratégiu merania, výber vhodného postupu a spracovanie výsledkov upravuje STN EN 482 a STN EN 689.

4 Fr je obsah fibrogénnej zložky v percentách v respirabilnej frakcii. Fibrogénna zložka - kremeň, kristobalit, tridymit, gama - oxid hlinitý.

5 Kremeň, kristobalit, tridymit, gama-oxid hlinitý je 100 % fibrogénnej zložky.
Tabuľka č. 2 pevné aerosóly s prevažne fibrogénnym účinkom

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SE

Beståndsdelar	Grundval	Värde	Kontrollparametrar	Anmärkning
Alumina Oxide	SE AFS	NGV	5 mg/m3	2, Total
	SE AFS	NGV	2 mg/m3	2, Respirabelt

- 2 Med respirabelt damm menas den dammfraction som definieras i svensk standard SS-EN 481, Arbetsplatsluft. - Partikelstorleksfraktioner för mätning av luftburna partiklar, Utgåva 1, 1993, punkt 2.11 och som har en provtagningskaraktäristik enligt punkt 5.3. Med inhalerbart damm menas den dammfraction som definieras i svensk standard SS-EN 481, Arbetsplatsluft - Partikelstorleksfraktioner för mätning av luftburna partiklar, Utgåva 1, 1993, punkt 2.3 och som har en provtagningskaraktäristik enligt punkt 5.1. Med respirabelt damm menas den dammfraction som definieras i svensk standard SS-EN 481, Arbetsplatsluft - Partikelstorleksfraktioner för mätning av luftburna partiklar, Utgåva 1, 1993, punkt 2.11 och som har en provtagningskaraktäristik enligt punkt 5.3. Med totaldamm menas de partiklar (aerosoler) som fastnar på ett filter i den provtagare som beskrivs i Metodserien, Provtagning av totaldamm och respirabelt damm, Metod nr 1010, Arbetarskyddsstyrelsen, numera Arbetsmiljöverket. Filterdiametern är normalt 37 mm, men kan även vara 25 mm. Trots sitt namn provtas inte den totala mängden luftburna partiklar med denna metod.

RU

Компоненты	Основа	Величина	Параметры контроля	Заметка
Alumina Oxide	RU OEL	ПДК	6 mg/m3	Ф, 4,

- 4 4 класс - умеренно опасные
Ф аэрозоли преимущественно фиброгенного действия

RO

Componente	Bază	Valoare	Parametri de control	Notă
Alumina Oxide	RO OEL	TWA	0,5 ppm, 2 mg/m3	Aerosol
	RO OEL	STEL	1,2 ppm, 5 mg/m3	Aerosol

PT

Componentes	Bases	Valor	Parâmetros de controlo	Nota
Alumina Oxide	PT OEL	VLE-MP	10 mg/m3	(E), A4, iritação do TRI,

- (E) O valor aplica-se a partículas sem amianto e contendo menos de 1 % de sílica cristalina
A4 Agente não classificável como carcinogénico no Homem.
irritação do TRI irritação do trato respiratório inferior

PL

Składniki	Podstawa	Wartość	Parametry dotyczące kontroli	Uwaga
Alumina Oxide	PL NDS	NDS	2,5 mg/m3	całkowity
	PL NDS	NDS	1,5 mg/m3	frakcja respirabilna

NO

Komponenter	Grunnlag	Verdi	Kontrollparametere	Nota
Alumina Oxide	FOR-2011-12-06-1358	TWA	10 mg/m3	1,

- 1 Grenseverdien er fastsatt lik verdien for sjenerende støv.

LV

Sastāvdaļas	Bāze	Vērtība	Pārvaldības parametri	Piezīme
Alumina Oxide	LV OEL	AER 8 st	6 mg/m3	

LT

Komponentai	Pagrindas, bazė	Vertė	Kontrolės parametrai	Pastaba
Alumina Oxide	LT OEL	IPRD	5 mg/m3	Įkvepiamoji
	LT OEL	IPRD	2 mg/m3	Alveolinė

IS

Komponenter	Grunnlag	Verdi	Kontrollparametere	Nota
Alumina Oxide	IS OEL	TWA	10 mg/m3	

IE

Ingredients	Basis	Value	Control parameters	Note
Alumina Oxide	IE OEL	OELV - 8 hrs (TWA)	10 mg/m3	total inhalable
	IE OEL	OELV - 8 hrs (TWA)	4 mg/m3	respirable

HU

Komponensek	Bázis	Érték	Határérték	Megjegyzés
Alumina Oxide	HU OEL	AK-érték	6 mg/m3	respirabilis por
	HU OEL	CK-érték	48 mg/m3	respirabilis por

HR

Sastojci	Temelj	Vrijednost	Nadzorni parametri	Bilješka
Alumina Oxide	HR OEL	GVI	10 mg/m3	Ukupna prašina
	HR OEL	GVI	4 mg/m3	Prašina koja se može udahnuti

GR

Συστατικά	Βάση	Τιμή	Παράμετροι ελέγχου	Σημείωση
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Alumina Oxide	GR OEL	TWA	5 mg/m3	εισπνεύσιμος
	GR OEL	TWA	10 mg/m3	αναπνεύσιμος

GB

Ingredients	Basis	Value	Control parameters	Note
Alumina Oxide	GB EH40	TWA	10 mg/m3	15, 44, 45, 46, 47, 2, Inhalable
	GB EH40	TWA	4 mg/m3	15, 44, 45, 46, 47, 2, Respirable

15 For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust

2 Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used

44 The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit.

45 Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'.

46 Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3.

47 Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with.

FR

Composants	Base	Valeur	Paramètres de contrôle	Note
Alumina Oxide	FR VLE	VME	10 mg/m3	normal,

normal Valeurs limites indicatives

ES

Componentes	Base	Valor	Parámetros de control	Nota
Alumina Oxide	ES VLA	VLA-ED	10 mg/m3	

EE

Komponendid, osad	Alused	Väärtus	Kontrolliparameetrid	Märkused
Alumina Oxide	EE OEL	Piirnorm	10 mg/m3	Kogu tolm
	EE OEL	Piirnorm	4 mg/m3	1, Peentolm

1 Peentolm koosneb alla 2,5-mikromeetrise läbimõõduga osakestest, mis võivad jõuda koos sissehingatava õhuga kopsu alveoolidesse

DK

Komponenter	Basis	Værdi	Kontrolparametre	Note
Alumina Oxide	DK OEL	GV	5 mg/m3	total
	DK OEL	GV	2 mg/m3	respirabel

DE

Inhaltsstoffe	Grundlage	Wert	Zu überwachende Parameter	Bemerkung
Alumina Oxide	DE TRGS 900	AGW	10 mg/m3	AGS, Einatembare Fraktion
	DE TRGS 900	AGW	3 mg/m3	AGS, Alveolengängige Fraktion

AGS Ausschuss für Gefahrstoffe

CZ

Složky	Základ	Hodnota	Kontrolní parametry	Poznámka
Alumina Oxide	CZ OEL	PEL	0,1 mg/m3	Fr, vlákno, respirabilní frakce

Fr Fr = obsah fibrogenní složky v respirabilní frakci v procentech

CH

Inhaltsstoffe	Grundlage	Wert	Zu überwachende Parameter	Bemerkung
Alumina Oxide	CH SUVA	MAK-Wert	3 mg/m3	s. Anhang 1.8.2, NIOSH, alveolengängiger Staub
	CH SUVA	KZGW	24 mg/m3	s. Anhang 1.8.2, NIOSH, alveolengängiger Staub

NIOSH National Institute for Occupational Safety and Health
s. Anhang 1.8.2 Inerte Stäube, allgemeiner Staubgrenzwert; als inert werden solche Stäube bezeichnet, die nach heutigen Kenntnissen weder resorbiert werden, noch die Lunge zur vermehrten Bildung von Bindegewebe anregen (fibrogene Wirkung), und die keine spezifischen Krankheitserscheinungen hervorrufen. Da solche Stäube die Funktion der Atmungsorgane durch mechanische Reizung beeinträchtigen können, gilt hier ein MAK-Wert von 3 mg/m3 für alveolengängigen Staub, gemessen nach EN 481, sowie von 10 mg/m3 für einatembaren Staub.

BG

Съставки	Основа	Стойност	Параметри на контрол	Бележка
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Alumina Oxide	BG OEL	TWA	10 mg/m3	
	BG OEL	TWA	1,5 mg/m3	Респирабилна

BE

Bestanddelen	Basis	Waarde	Controleparameters	Opmerking
Alumina Oxide	BE OEL	TGG 8 hr	1 mg/m3	inadempbaar

AT

Inhaltsstoffe	Grundlage	Wert	Zu überwachende Parameter	Bemerkung
Alumina Oxide	AT OEL	TMW	5 mg/m3	
	AT OEL	KZW	10 mg/m3	

Engineering measures

Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Personal protective equipment

- Respiratory protection : Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as: Air-Purifying Respirator for Dusts and Mists / P100. Air-Purifying Respirator for Dusts and Mists. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.
- Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
- Eye protection : Eye wash bottle with pure water.
- Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Wear as appropriate: Protective suit. Complete head face and neck protection. Footwear protecting against chemicals. Safety shoes.
- Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

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Appearance

Form : Pellets
Physical state : Solid
Color : White
Odor : Odorless

Safety data

Flash point : Not applicable

Lower explosion limit : Not applicable

Upper explosion limit : Not applicable

Oxidizing properties : No

Autoignition temperature : Not applicable

Molecular formula : Mixture

Molecular weight : Not applicable

pH : Not applicable

Melting point/range : 1.648,9 - 2.204,4 °C (3.000,0 - 3.999,9 °F)

Boiling point/boiling range : No data available

Vapor pressure : No data available

Relative density : 0,7

Density : 35 - 40 LB/FT3

Water solubility : Negligible

Partition coefficient: n-octanol/water : No data available

Viscosity, kinematic : Not applicable

Relative vapor density : Not applicable

Evaporation rate : Not applicable

SECTION 10: Stability and reactivity

Chemical stability : This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of hazardous reactions

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Conditions to avoid : No data available.
Hazardous decomposition products : None
Other data : No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

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Acute oral toxicity : No data available

Sulfur Control Type G
Acute inhalation toxicity : No data available

Sulfur Control Type G
Acute dermal toxicity : No data available

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Skin irritation : Extremely corrosive and destructive to tissue.

Sulfur Control Type G
Eye irritation : May cause irreversible eye damage.

Sulfur Control Type G
Aspiration toxicity : No aspiration toxicity classification.

Sulfur Control Type G
Further information : No data available.

SECTION 12: Ecological information**Toxicity to fish**

Alumina Oxide : NOEC: > 100 mg/l
Exposure time: 96 h
Species: Salmo salar (Atlantic salmon)
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

Alumina Oxide : EC50: > 100 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
Method: OECD Test Guideline 202

Toxicity to algae

Alumina Oxide : NOEC: > 100 mg/l
Exposure time: 72 h
Species: Selenastrum capricornutum (algae)
Method: OECD Test Guideline 201

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Elimination information (persistence and degradability)

Biodegradability : This material is not expected to be readily biodegradable.

Ecotoxicology Assessment

Results of PBT assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Additional ecological information : This material is not expected to be harmful to aquatic organisms.

SECTION 13: Disposal considerations

The information in this SDS pertains only to the product as shipped.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

Product : Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14: Transport information

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)

UN3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (POTASSIUM OXIDE), 8, II

IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

UN3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (POTASSIUM OXIDE), 8, II

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

UN3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (POTASSIUM OXIDE), 8, II

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ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE))

UN3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (POTASSIUM OXIDE), 8, II, (E)

RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE))

UN3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (POTASSIUM OXIDE), 8, II

ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS)

UN3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (POTASSIUM OXIDE), 8, II

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information**National legislation**

Major Accident Hazard Legislation : 96/82/EC Update:
Not applicable

Water contaminating class (Germany) : WGK 1 slightly water endangering

Notification status

Europe REACH	:	A substance or substances in this product is not registered or notified to be registered. Importation or manufacture of this product is still permitted provided that it does not exceed the REACH minimum threshold quantity of the non-regulated substances.
United States of America TSCA	:	On the inventory, or in compliance with the inventory
Canada DSL	:	On the inventory, or in compliance with the inventory
Australia AICS	:	On the inventory, or in compliance with the inventory
New Zealand NZIoC	:	On the inventory, or in compliance with the inventory
Japan ENCS	:	On the inventory, or in compliance with the inventory
Korea KECI	:	On the inventory, or in compliance with the inventory
Philippines PICCS	:	On the inventory, or in compliance with the inventory
China IECSC	:	On the inventory, or in compliance with the inventory

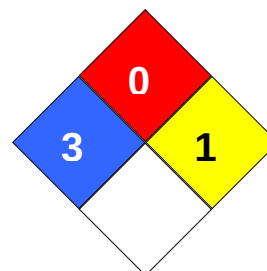
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SECTION 16: Other information

NFPA Classification : Health Hazard: 3
 Fire Hazard: 0
 Reactivity Hazard: 1

**Further information**

Legacy SDS Number : 3525

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

The information in this SDS pertains only to the product as shipped.

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.

Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical	TWA	Time Weighted Average

Sulfur Control Type G

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	Substances in China		
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		

Full text of H-Statements referred to under sections 2 and 3.

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.