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SEC	SECTION 1. IDENTIFICATION						
	Product name :		: Sulfur - Molte	n			
	Product code :		: X2292				
	CAS-N	0.	: 7704-34-9				
	Manufa	acturer or supplier's	details				
	Compa SDS R Custor		 Vertex Refit 400 Industria Ext. East Saraland, AL 251-679-718 251-679-718 	. 36571 0			
	Chemti	ency telephone num rec Domestic (24 hr) rec International (24	: 1-800-424-93				
	Recommended use of the che		hemical and rest	rictions on use			
	Recom	mended use	: Refinery stre	am.			
	Restric	tions on use		must not be used in applications other than those d in Section 1, without first seeking the advice of			

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200					
Skin irritation	: Category 2				
GHS label elements					
Hazard pictograms					
	•				
Signal word	: Warning				
Hazard statements	: PHYSICAL HAZARDS:				
	Not classified as a physical hazard under GHS criteria.				

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		HEALTH HAZA H315 Causes si ENVIRONMEN Not classified as	kin irritation.		
Precautionary statements		 Prevention: P264 Wash hands thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protective face protection. 			
		P332 + P313 If tion.	ON SKIN: Wash with plenty of water. skin irritation occurs: Get medical advice/ atten- ake off contaminated clothing and wash it before		
		Storage: P403 Store in a	well-ventilated place.		
		Disposal: No precautiona	ry phrases.		

Other hazards which do not result in classification

Hydrogen sulphide (H2S), an extremely flammable and toxic gas, and other hazardous vapours may evolve and collect in the headspace of storage tanks, transport vessels and other enclosed containers.

Contact with hot material can cause thermal burns which may result in permanent skin damage. Hot product may cause severe eye burns and/or blindness.

Not classified as flammable but will burn.

Accumulation of dust can create an explosion hazard.

This material is a static accumulator.

Even with proper grounding and bonding, this material can still accumulate an electrostatic charge.

If sufficient charge is allowed to accumulate, electrostatic discharge and ignition of flammable airvapour mixtures can occur.

The classification of this material is based on OSHA HCS 2012 criteria.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Hazardous components

Chemical name	Synonyms	CAS-No.	Concentration (% w/w)
Sulphur	sulfur (Exclud- ing formed sulphur)	7704-34-9	<= 100

Contains hydrogen sulphide, CAS # 7783-06-4.

SECTION 4. FIRST-AID MEASURES

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Gene	ral advice	Vapourisation dangerous to avoid contam	LAY. calm. Obtain medical treatment immediately. n of H2S that has been trapped in clothing can be rescuers. Maintain respiratory protection to nination from the victim to rescuer. Mechanical ould be used to resuscitate if at all possible.
lf inha	aled		of mists, fumes or vapour causes irritation to the it, remove to fresh air.
			uffering ill effects as a result of exposure to hy- ide should be removed to fresh air.
		protection is ness of the c 100% oxyger	pt to rescue the victim unless proper respiratory worn. If the victim has difficulty breathing or tight- hest, is dizzy, vomiting, or unresponsive, give n with rescue breathing or Cardiopulmonary Re- CPR) as required and transport to the nearest ty.
In cas	se of skin contact	large amount washing with pain and/or b	- taminated clothing. Immediately flush skin with to of water for at least 15 minutes, and follow by soap and water if available. If redness, swelling, listers occur, transport to the nearest medical ditional treatment.
		flushing or im 15 to 20 minu burn area or do not cover	In hot product, immediately cool the burn area by omersing the affected area with water for at least utes. Do not attempt to remove anything from the apply burn creams or ointments. During transport the wound with dressing or sheet since these to the product.
		Where a limb development ring, the adh prevent restr	noted this product contracts on cooling. o is encased, care should be taken to avoid the of a tourniquet effect. In the event of this occur- ering product must be softened and/or split to iction of blood flow. uld receive medical attention.
In cas	se of eye contact	Remove contrinsing.	- h copious quantities of water. tact lenses, if present and easy to do. Continue rritation occurs, obtain medical attention.
		flushing with Do not attem	n hot product, immediately cool the burn area by large amounts of water. pt to remove anything from the burn area. burn creams or ointments.

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					lo not cover the wound with dressing or may adhere to the product.	
				ment.	earest medical facility for additional treat- eceive medical attention.	
	If swallowed		:	In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.		
		nportant symptoms ects, both acute and d	:	porary burning se and/or difficulty bi Eye irritation sign	on signs and symptoms may include a tem- nsation of the nose and throat, coughing, eathing. s and symptoms may include a burning sen- welling, and/or blurred vision.	
	Protect	ion of first-aiders	:		ng first aid, ensure that you are wearing the nal protective equipment according to the d surroundings.	
	medica	ion of any immediate Il attention and special ent needed	:	vides an airtight s away with the sca If removal is atten mineral oil based product to facilitat Hydrogen sulphid tis, bronchitis and	e (H2S) - CNS asphyxiant. May cause rhini- occasionally pulmonary oedema after se- DNSIDER: Oxygen therapy. Consult a Poi-	

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media :		Foam, water spray or fog. Dry chemical powder, carbon diox- ide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	:	Do not use water in a jet.
Specific hazards during fire- fighting	:	 Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Oxides of sulphur. Hydrogen sulphide (H2S) and other toxic sulphur oxides may be given off when this material is heated. Do not depend on sense of smell for warning. Accumulation of dust can create an explosion hazard. Sulphur burns with a pale blue flame that may be difficult to see in daylight. Burning sulphur will flow.
Special protective equipment for firefighters	:	Proper protective equipment including chemical resistant gloves are to be worn; chemical resistant suit is indicated if large contact with spilled product is expected. Self-Contained

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				a confined space.	tus must be worn when approaching a fire in Select fire fighter's clothing approved to s (e.g. Europe: EN469).
SEC	TION 6	ACCIDENTAL RELE	ASI	EMEASURES	
t	Personal precautions, protec- tive equipment and emer- gency procedures		:	Avoid contact with skin, eyes and clothing.	
	Environmental precautions		:	nation. Prevent fro	ontainment to avoid environmental contami- om spreading or entering drains, ditches or nd, earth, or other appropriate barriers.
	Methods and materials for containment and cleaning up		:		into a suitable clearly marked container for nation in accordance with local regulations.
				Avoid contact with on selection of pe of this Material Sa	n skin, eyes and clothing. n spilled or released material. For guidance rsonal protective equipment see Chapter 8 fety Data Sheet. ry measures against static discharges.
	Additio	nal advice	:	see Chapter 8 of t Local authorities s cannot be contain	lisposal of spilled material see Chapter 13 of
				al to the environm (refer to Chapter 6 (800) 424-8802. Under Section 31 is considered an o	hay require reporting releases of this materi- ent which exceed the reportable quantity 15) to the National Response Center at 1 of the Clean Water Act (CWA) this material bil. As such, spills into surface waters must National Response Center at (800) 424-

SECTION 7. HANDLING AND STORAGE

Technical measures	:	Avoid contact with skin, eyes and clothing.
Advice on safe handling	:	Ensure that all local regulations regarding handling and stor- age facilities are followed. Avoid prolonged or repeated contact with skin. Avoid generation or accumulation of dusts as it can generate an explosion hazard Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Keep container tightly closed and in a cool, well-ventilated

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		properties o alarms be u ful levels su sels and spi ceeds 10 pp tory protecti Vapours co storage or ti tanks. Stay allow to ven be used to v from loading See United (NFPA) Coo	t toxic and olfactory (sense of smell) fatiguing f hydrogen sulphide require that air monitoring sed if concentrations are expected to reach harm- ch as in enclosed spaces, heated transport ves- ll or leak situations. If the air concentration ex- om, the area should be evacuated unless respira- on is in use. ntaining hydrogen sulphide will accumulate during ransport and will also be vented during filling of upwind and away from newly opened hatches and t thoroughly before handling material. Steam may vent hatches. Keep all sources of ignition away g area. States National Fire Protection Association de 655 for specific information on the crushing, lverizing or handling of sulphur.
Avoid	dance of contact	: Strong oxidi	sing agents.
Prod	uct Transfer	grounding a electrostatic late, electro vapour mixt flammable, tions involvi recovery sy	ners closed when not in use. Even with proper nd bonding, this material can still accumulate an c charge. If sufficient charge is allowed to accumu- static discharge and ignition of flammable air- ures can occur. Even when the product is not itself such vapours may be present as a result of opera- ng a previously handled product, or faulty vapour stems. Be aware of handling operations that may additional hazards that result from the accumula- c charges.
	ner information on stor- stability	Electrostation tinuity by bo reduce the r Refer to sec	ately from oxidising agents. c discharge may cause fire. Ensure electrical con- onding and grounding (earthing) all equipment to risk. ction 15 for any additional specific legislation cov- ckaging and storage of this product.
Pack	aging material	: Suitable ma steel, stainle	terial: For containers, or container linings use mild ess steel.
Cont	ainer Advice	: Containers, explosive va	even those that have been emptied, can contain apours.
Spec	sific use(s)	: Not applical	ble
		for liquids th American P tions Arising	nal references that provide safe handling practices nat are determined to be static accumulators: etroleum Institute 2003 (Protection Against Igni- g out of Static, Lightning and Stray Currents) or e Protection Agency 77 (Recommended Practices ectricity).

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IEC/TS 60079-32-1: Electrostatic hazards, guidance

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Biological occupational exposure limits

No biological limit allocated.

Monitoring Methods

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.

Validated exposure measurement methods should be applied by a competent person and samples analysed by an accredited laboratory.

Examples of sources of recommended exposure measurement methods are given below or contact the supplier. Further national methods may be available.

National Institute of Occupational Safety and Health (NIOSH), USA: Manual of Analytical Methods http://www.cdc.gov/niosh/

Occupational Safety and Health Administration (OSHA), USA: Sampling and Analytical Methods http://www.osha.gov/

Health and Safety Executive (HSE), UK: Methods for the Determination of Hazardous Substances http://www.hse.gov.uk/

Institut für Arbeitsschutz Deutschen Gesetzlichen Unfallversicherung (IFA), Germany http://www.dguv.de/inhalt/index.jsp

L'Institut National de Recherche et de Securité, (INRS), France http://www.inrs.fr/accueil

Engineering measures	The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Eye washes and showers for emergency use.
	General Information:

Always observe good personal hygiene measures, such as washing hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

Define procedures for safe handling and maintenance of controls.

Educate and train workers in the hazards and control measures relevant to normal activities associated with this product.

Ensure appropriate selection, testing and maintenance of equipment used to control exposure, e.g. personal protective

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		Drain down s nance.	ocal exhaust ventilation. system prior to equipment break-in or mainte- downs in sealed storage pending disposal or for recycle.
_		-	
	onal protective equip iratory protection	: No respirator	y protection is ordinarily required under normal
		tions should If air-filtering	e with good industrial hygiene practices, precau- be taken to avoid breathing of material. respirators are suitable for conditions of use: suitable for combined particulate/inorganic gas-
			re hydrogen sulphide vapours may accumulate, essure air-supplied respirator is advised.
	I protection emarks	gloves appro US: F739) m suitable cher gloves Suitat usage, e.g. fr sistance of g glove supplie Personal hyg Gloves must gloves, hand cation of a no continuous c time of more minutes whe term/splash p nize that suit not be availa maybe accep replacement good predicto pendent on t	contact with the product may occur the use of ved to relevant standards (e.g. Europe: EN374, ade from the following materials may provide nical protection. PVC, neoprene or nitrile rubber bility and durability of a glove is dependent on requency and duration of contact, chemical re- love material, dexterity. Always seek advice from ers. Contaminated gloves should be replaced, giene is a key element of effective hand care. only be worn on clean hands. After using s should be washed and dried thoroughly. Appli- on-perfumed moisturizer is recommended. For ontact we recommend gloves with breakthrough than 240 minutes with preference for > 480 re suitable gloves can be identified. For short- protection we recommend the same, but recog- able gloves offering this level of protection may ble and in this case a lower breakthrough time otable so long as appropriate maintenance and regimes are followed. Glove thickness is not a or of glove resistance to a chemical as it is de- he exact composition of the glove material. ess should be typically greater than 0.35 mm in the glove make and model.
Skin	and body protection		al resistant gloves/gauntlets and boots. Where ing, also wear an apron.
Ther	mal hazards	safety hat wi guard), safet gloves and le	ng heated product, wear heat resistant gloves, th chin strap, face shield (preferably with a chin y glasses, heat resistant coveralls (with cuffs over egs over boots), neck protection and heavy duty ather for heat resistance.

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		be given off v	Iphide (H2S) and other toxic sulphur oxides may when this material is heated. Do not depend on ell for warning.
Hygie	ene measures	: Please refer	to the most recent version of NFPA 655.
Envir	Environmental exposure cor		
Gene	General advice		nes on emission limits for volatile substances erved for the discharge of exhaust air containing ease to the environment. An environmental as- ust be made to ensure compliance with local envi- gislation. In accidental release measures are to be found in

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Solid at room temperature., Liquid at high temperatures.
Colour	:	yellow
Odour	:	Odour varies; may range from strong hydrocarbon to rotten egg odour.
Odour Threshold	:	Data not available
рН	:	Data not available
Melting / freezing point	:	ca. 115 °C / 239 °F
Initial boiling point and boiling range	:	ca. 445 °C / 833 °F
Flash point	:	ca. 220 °C / 428 °F
Evaporation rate	:	Data not available
Flammability (solid, gas)	:	Data not available
Upper explosion limit / upper flammability limit	:	no data available
Lower explosion limit / Lower flammability limit	:	Data not available
Vapour pressure	:	< 0.5 Pa (20 °C / 68 °F)
Relative vapour density	:	> 1

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	Relative	e density	:	1.79 (137.8 °C / 2	280.0 °F)
	Density		:	ca. 2.0 g/cm3	
	Solubili Wat	ty(ies) er solubility	:	negligible	
	Solu	bility in other solvents	:	Data not availabl	e
	Partition octanol	n coefficient: n- /water	:	Data not availabl	e
	Auto-ig	nition temperature	:	ca. 230 °C / 446	°F
	Decom	position temperature	:	Data not availabl	e
	Viscosi Visc	ty osity, dynamic	:	Data not availabl	e
	Visc	osity, kinematic	:	Data not availabl	e
	Explosi	ve properties	:	Not applicable	
	Oxidizir	ng properties	:	Not applicable	
	Surface	tension	:	Data not availabl	e
	Conduc	tivity	:	Data not availabl	e
				makes it a static nonconductive if considered semi- pS/m., Whether a the precautions a ple liquid tempera	ac < 100 pS/m, The conductivity of this material accumulator., A liquid is typically considered its conductivity is below 100 pS/m and is conductive if its conductivity is below 10,000 a liquid is nonconductive or semiconductive, are the same., A number of factors, for exam- ature, presence of contaminants, and anti- an greatly influence the conductivity of a liq-
	Molecu	lar weight	:	Data not availabl	e

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.
Chemical stability	:	No hazardous reaction is expected when handled and stored according to provisions
Possibility of hazardous reac- tions	:	Data not available
Conditions to avoid	:	Extremes of temperature and direct sunlight.

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		In certain cir tricity.	cumstances product can ignite due to static elec-				
Inco	mpatible materials	: Strong oxidis	Strong oxidising agents.				
	ardous decomposition lucts	: Hydrogen su	Iphide.				
SECTIO	N 11. TOXICOLOGICAL	INFORMATION					
Basi	s for assessment		: Information given is based on product testing, and/or similar products, and/or components.				
Exp	rmation on likely route osure may occur via inha stion.		kin absorption, skin or eye contact, and accidental				
Acu	te toxicity						
	<u>duct:</u> te oral toxicity	: LD50 (Rat): > Remarks: Lov Based on ava					
Acu	te inhalation toxicity		w toxicity if inhaled. ailable data, the classification criteria are not met.				
Acu	te dermal toxicity	: LD50 (Rat): > Remarks: Lov Based on ava					

Skin corrosion/irritation

Product:

Remarks: Causes skin irritation., Contact with hot material can cause thermal burns which may result in permanent skin damage.

Serious eye damage/eye irritation

Product:

Remarks: Hot product may cause severe eye burns and/or blindness., Not irritating to eye.

Respiratory or skin sensitisation

Product:

Test Type: Respiratory sensitisation Remarks: Not a sensitiser. Based on available data, the classification criteria are not met.

Test Type: Skin sensitisation Remarks: Not a skin sensitiser. SAFETY DATA SHEET According to OSHA Hazard Communication Standard, 29 CFR 1910.1200 Sulfur - Molten

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Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Product:

: Remarks: Non mutagenic, Based on available data, the classification criteria are not met.

Carcinogenicity

Product:

Remarks: Not a carcinogen., Based on available data, the classification criteria are not met.

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive toxicity	
Product:	

Remarks: Not a developmental toxicant., Based on available data, the classification criteria are not met., Does not impair fertility.

STOT - single exposure

Product:

Remarks: Inhalation of vapours or mists cause irritation to the respiratory system. (Hydrogen Sulfide)

STOT - repeated exposure

Product:

Remarks: Based on available data, the classification criteria are not met.

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Aspiration toxicity

Product:

Not an aspiration hazard.

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Further information

Product:

Remarks: H2S has a broad range of effects dependent on the airborne concentration and length of exposure: 0.02 ppm odour threshold, smell of rotten eggs; 10 ppm eye and respiratory tract irritation; 100 ppm coughing, headache, dizziness, nausea, eye irritation, loss of sense of smell in minutes; 200 ppm potential for pulmonary oedema after >20-30 minutes; 500 ppm loss of consciousness after short exposures, potential for respiratory arrest; >1000ppm immediate loss of consciousness, may lead rapidly to death, prompt cardiopulmonary resuscitation may be required. Do not depend on sense of smell for warning. H2S causes rapid olfactory fatigue (deadens sense of smell). There is no evidence that H2S will accumulate in the body tissue after repeated exposure.

Remarks: Classifications by other authorities under varying regulatory frameworks may exist.

SECTION 12. ECOLOGICAL INFORMATION

Basis for assessment	:	Information given is based on product testing, and/or similar products, and/or components.		
Ecotoxicity				
<u>Product:</u> Toxicity to fish (Acute toxici- ty)	:	Remarks: No toxicity at the limit of solubility		
Toxicity to daphnia and other aquatic invertebrates (Acute toxicity)	:	Remarks: No toxicity at the limit of solubility		
Toxicity to algae (Acute tox- icity)	:	Remarks: No toxicity at the limit of solubility		
Toxicity to fish (Chronic tox- icity)	:	Remarks: No toxicity at the limit of solubility		
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	Remarks: No toxicity at the limit of solubility		
Toxicity to microorganisms (Acute toxicity)	:	Remarks: No toxicity at the limit of solubility		
Persistence and degradability				
<u>Product:</u> Biodegradability	:	Remarks: Not applicable		

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	Bioaco	cumulative potential			
	Product: Bioaccumulation :		:	Remarks: Does n icantly.	ot have the potential to bioaccumulate signif-
	Mobilit	ty in soil			
	Product: Mobility :		:	Remarks: Adsorbs to soil and has low mobility Sinks in water.	
		adverse effects a available			
SECTION 13. DISPOSAL CONSIDERATIONS					
	Dispos	sal methods			
	Waste	from residues	:	toxicity and physi determine the pro ods in compliance	e if possible. ility of the waste generator to determine the cal properties of the material generated to oper waste classification and disposal meth- e with applicable regulations. to the environment, in drains or in water
	Contar	ninated packaging	:	to a recognized c the collector or co	dance with prevailing regulations, preferably ollector or contractor. The competence of ontractor should be established beforehand. a soil, water or environment with the waste

SECTION 14. TRANSPORT INFORMATION

National Regulations

• •	on Classification (49 CFR Parts 171-180) UN 2448				
Proper shipping name :	Sulfur, molten				
Class :	9				
Packing group :	III				
Labels :	9				
ERG Code :	133				
Marine pollutant :	no				
International Regulations					
	UN 2448 SULPHUR, MOLTEN				

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Class Packing group Labels Marine pollutant Transport in bulk according t		: 4.1 : III : 4.1 : no o Annex II of MARPO	L 73/78 and the IBC Code
Pollution category Ship type Product name Special precautions		 Not applicable Not applicable Not applicable Not applicable 	
Special p	recautions for user		
Rema	arks	: Special Preca	utions: Refer to Chapter 7, Handling & Storage,

for special precautions which a user needs to be aware of or

needs to comply with in connection with transport.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

*: This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards	:	Skin corrosion or irritation	
----------------------	---	------------------------------	--

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

US State Regulations

Pennsylvania Right To Know Sulphur

7704-34-9

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

California List of Hazardous Substances

Sulphur

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Other regulations:

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

The components of this product are reported in the following inventories:

EINECS/ELINCS/EC	:	All components listed.
DSL	:	All components listed.
TSCA	:	All components listed.
AIIC	:	All components listed.
PICCS	:	All components listed or polymer exempt.

SECTION 16. OTHER INFORMATION

Further information

NFPA Rating (Health, Fire, Reac- 1, 1, 0 tivity)

Full text of other abbreviations

Abbreviations and Acronyms	:	The standard abbreviations and acronyms used in this docu- ment can be looked up in reference literature (e.g. scientific dictionaries) and/or websites.
		ACGIH = American Conference of Governmental Industrial Hygienists ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road AICS = Australian Inventory of Chemical Substances ASTM = American Society for Testing and Materials BEL = Biological exposure limits BTEX = Benzene, Toluene, Ethylbenzene, Xylenes CAS = Chemical Abstracts Service CEFIC = European Chemical Industry Council CLP = Classification Packaging and Labelling COC = Cleveland Open-Cup DIN = Deutsches Institut fur Normung DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level DSL = Canada Domestic Substance List EC = European Commission EC50 = Effective Concentration fifty ECETOC = European Center on Ecotoxicology and Toxicolo- gy Of Chemicals ECHA = European Chemicals Agency EINECS = The European Inventory of Existing Commercial Chemical Substances

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Sulfur - Molten

Version	Revision Date:	SDS Number:	Print Date: 04/01/2022
1.0	04/01/2022	VRAM00041	Date of last issue: 04/01/2022
		Inventory EWC = Europe GHS = Globally Labelling of Ch IARC = Internat IATA = Internat IC50 = Inhibitor IL50 = Inhibitor IMDG = Internat INV = Chinese IP346 = Institu determination of KECI = Korea E LC50 = Lethal I LL/EL/IL = Leth LL50 = Lethal I MARPOL = Internat Pollution From NOEC/NOEL = served Effect L OE_HPV = Occ PBT = Persiste PICCS = Philip Substances PNEC = Predic REACH = Regi Chemicals RID = Regulatin gerous Goods I SKIN_DES = S STEL = Short to TRA = Targeten TSCA = US To TWA = Time-W	ese Existing and New Chemical Substances an Waste Code / Harmonised System of Classification and emicals tional Agency for Research on Cancer tional Air Transport Association 'y Concentration fifty y Level fifty ational Maritime Dangerous Goods Chemicals Inventory te of Petroleum test method N° 346 for the of polycyclic aromatics DMSO-extractables Existing Chemicals Inventory Concentration fifty Dose fifty per cent. Hal Loading/Effective Loading/Inhibitory loading Loading fifty ernational Convention for the Prevention of Ships No Observed Effect Concentration / No Ob- evel cupational Exposure - High Production Volume nt, Bioaccumulative and Toxic pine Inventory of Chemicals and Chemical ted No Effect Concentration stration Evaluation And Authorisation Of

Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

A vertical bar (|) in the left margin indicates an amendment from the previous version. Due to a change in detail in Section 15, this document has been released as a significant change.

Sources of key data used to : compile the Safety Data Sheet

The quoted data are from, but not limited to, one or more sources of information (e.g. toxicological data from Vertex HSSE, material suppliers' data, CONCAWE, EU IUCLID date base, EC 1272 regulation, etc).

SAFETY DATA SHEET According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

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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.

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