

SAFETY DATA SHEET

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

1.1. Product identifier	
Name of the substance	Sulphur, molten
Registration number	-
Synonyms	Sulphur - Molten, Molten Sulphur
	the substance or mixture and uses advised against
Identified uses	Refinery feedstock.
Uses advised against	All other uses.
1.3. Details of the supplier of th	e safety data sheet
Supplier	
Company name	Valero Energy (Ireland) Ltd
	1st Floor, Block B
Address	D22 X0Y3, Quarryvale
	Ireland
Telephone	01/210 345 4593 (General information; US)
e-mail	CorpHSE@valero.com
Contact person	Industrial Hygienist
1.4. Emergency telephone number	0044/(0)18 65 407333

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The substance has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

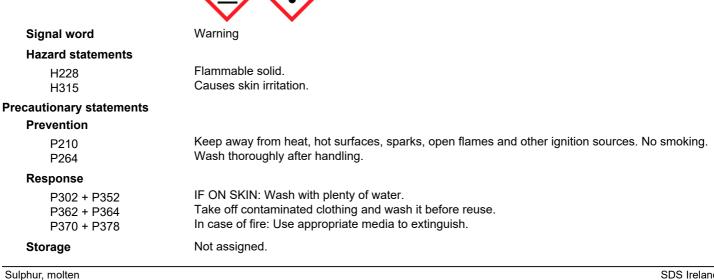
Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards Flammable solids	Category 2	H228 - Flammable solid.
Health hazards Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms



Dienosal	Not assigned				
Disposal Supplemental information on	Not assigned. None.				
he label			and a data data data data data data data	and the state of the	
.3. Other hazards	Hydrogen sulpnid hazardous concei		nulate in the headspace of sto	brage tanks and rea	ach potentially
	The product does according to REA	This substance does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.			
SECTION 3: Composition/i	information on	ingredients			
.1. Substances					
General information					
Chemical name	%		o. REACH Registration No		Notes
Sulphur	99 - 100	7704-34-9 231-722-6	01-2119487295-27-0049	016-094-00-1	
Classif	ication: Skin Irrit. 2	2;H315			
mpurities					
Chemical name	%		o. REACH Registration No		Notes
Hydrogen sulphide	≤ 1	7783-06-4 231-977-3	-	016-001-00-4	#
ist of abbreviations and symbo	Is that may be use	ed above			
ATE: Acute toxicity estimate. M: M-factor PBT: persistent, bioaccumulati vPvB: very persistent and very #: This substance has been as All concentrations are in perce	/ bioaccumulative s ssigned Union work	ubstance. place exposure lin		percent by volume.	
composition comments	Occupational Exp	• •	purities are listed in Section 8	•	II
SECTION 4: First aid meas	sures				
General information	Ensure that medic protect themselve		ware of the material(s) involv	ed, and take preca	utions to
1.1. Description of first aid meas					
Inhalation	If breathing is diffi Get medical atten		sh air and keep at rest in a po	sition comfortable	
Skin contact		ition, if needed.			for breathing.
		act with hot materia	l, cool molten material adher emoval of adhering material a		ly as possible
Eye contact	with water, and se	act with hot materia ee a physician for i he molten material		and treatment of bu	ly as possible irn.
	with water, and se For contact with the Seek immediate r Rinse mouth thore	act with hot materia ee a physician for he molten material nedical attention. oughly. Do not ind keep head low so t	emoval of adhering material a	and treatment of bu h affected eye(s) w om poison control o	ly as possible irn. ith cold water center. If
Eye contact Ingestion .2. Most important symptoms nd effects, both acute and	with water, and see For contact with th Seek immediate r Rinse mouth thorry vomiting occurs, k attention immedia Skin irritation. Ma sulphide, a highly sulphide include r and pain in the no	act with hot materia ee a physician for i he molten material medical attention. oughly. Do not ind keep head low so t ately. y cause redness a toxic gas, may be respiratory and eye	emoval of adhering material a gently open eyelids and flus ice vomiting without advice fr nat stomach content doesn't g nd pain. Molten material will p present. Signs and symptom irritation, dizziness, nausea, asciousness. Odour does not	and treatment of but h affected eye(s) w om poison control o get into the lungs. O produce thermal bu s of overexposure to coughing, a sensai	ly as possible irn. ith cold water center. If Get medical rns. Hydrogen to hydrogen tion of drynes
Eye contact Ingestion .2. Most important symptoms nd effects, both acute and lelayed .3. Indication of any mmediate medical attention	with water, and see For contact with th Seek immediate r Rinse mouth thore vomiting occurs, k attention immedia Skin irritation. Ma sulphide, a highly sulphide include r and pain in the no presence of haza Provide general s immediately. Whil	act with hot materia ee a physician for i he molten material medical attention. oughly. Do not ind keep head low so t ately. y cause redness a toxic gas, may be respiratory and eye ose, and loss of co rdous levels in the upportive measure le flushing, remove inue flushing durin	emoval of adhering material a gently open eyelids and flus ice vomiting without advice fr nat stomach content doesn't g nd pain. Molten material will p present. Signs and symptom irritation, dizziness, nausea, asciousness. Odour does not	and treatment of but h affected eye(s) w om poison control o get into the lungs. C produce thermal but s of overexposure to coughing, a sensati provide a reliable i Thermal burns: Flu to affected area. C	ly as possible irn. ith cold water center. If Get medical rns. Hydrogen tion of drynes ndicator of the sh with water call an
Eye contact Ingestion .2. Most important symptoms nd effects, both acute and elayed .3. Indication of any nmediate medical attention nd special treatment needed	with water, and see For contact with th Seek immediate r Rinse mouth thorry vomiting occurs, k attention immedia Skin irritation. Ma sulphide, a highly sulphide include r and pain in the no presence of haza Provide general s immediately. Whil ambulance. Conti Symptoms may b	act with hot materia ee a physician for i he molten material medical attention. oughly. Do not ind keep head low so t ately. y cause redness a toxic gas, may be respiratory and eye ose, and loss of co rdous levels in the upportive measure le flushing, remove inue flushing durin	emoval of adhering material a gently open eyelids and flus ice vomiting without advice fr nat stomach content doesn't g nd pain. Molten material will p present. Signs and symptom irritation, dizziness, nausea, isciousness. Odour does not atmosphere. s and treat symptomatically. clothes which do not adhere	and treatment of but h affected eye(s) w om poison control o get into the lungs. C produce thermal but s of overexposure to coughing, a sensati provide a reliable i Thermal burns: Flu to affected area. C	ly as possible irn. ith cold water center. If Get medical rns. Hydrogen tion of drynes ndicator of the sh with water call an
Eye contact Ingestion 2.2. Most important symptoms and effects, both acute and lelayed 3.3. Indication of any mmediate medical attention and special treatment needed SECTION 5: Firefighting m	with water, and see For contact with th Seek immediate r Rinse mouth thorry vomiting occurs, k attention immedia Skin irritation. Ma sulphide, a highly sulphide include r and pain in the no presence of haza Provide general s immediately. Whil ambulance. Conti Symptoms may b	act with hot materia ee a physician for i he molten material medical attention. oughly. Do not ind keep head low so t ately. y cause redness a toxic gas, may be respiratory and eye ose, and loss of co rdous levels in the upportive measure le flushing, remove inue flushing durin	emoval of adhering material a gently open eyelids and flus ice vomiting without advice fr nat stomach content doesn't g nd pain. Molten material will p present. Signs and symptom irritation, dizziness, nausea, isciousness. Odour does not atmosphere. s and treat symptomatically. clothes which do not adhere	and treatment of but h affected eye(s) w om poison control o get into the lungs. C produce thermal but s of overexposure to coughing, a sensati provide a reliable i Thermal burns: Flu to affected area. C	ly as possible irn. ith cold water center. If Get medical rns. Hydrogen tion of drynes ndicator of the sh with water call an
Eye contact Ingestion 4.2. Most important symptoms and effects, both acute and delayed 4.3. Indication of any mmediate medical attention and special treatment needed SECTION 5: Firefighting m General fire hazards	with water, and see For contact with th Seek immediate r Rinse mouth thore vomiting occurs, k attention immedia Skin irritation. Ma sulphide, a highly sulphide include r and pain in the no presence of haza Provide general s immediately. Whil ambulance. Conti Symptoms may b Deasures Flammable solid.	act with hot materia ee a physician for r he molten material medical attention. oughly. Do not ind keep head low so t ately. y cause redness a toxic gas, may be respiratory and eye ose, and loss of co rdous levels in the supportive measure le flushing, remove inue flushing during e delayed.	emoval of adhering material a gently open eyelids and flus ice vomiting without advice fr nat stomach content doesn't g nd pain. Molten material will p present. Signs and symptom irritation, dizziness, nausea, isciousness. Odour does not atmosphere. s and treat symptomatically. clothes which do not adhere	and treatment of but h affected eye(s) w om poison control o get into the lungs. C produce thermal but s of overexposure to coughing, a sensati provide a reliable i Thermal burns: Flu to affected area. C	ly as possible irn. ith cold water center. If Get medical rns. Hydrogen tion of drynes ndicator of the sh with water call an
Eye contact Ingestion 4.2. Most important symptoms and effects, both acute and delayed 4.3. Indication of any mmediate medical attention and special treatment needed SECTION 5: Firefighting m General fire hazards 5.1. Extinguishing media Suitable extinguishing	with water, and see For contact with the Seek immediate real Rinse mouth thore vomiting occurs, Heat attention immediate Skin irritation. Ma sulphide, a highly sulphide include real and pain in the near presence of haza Provide general se immediately. While ambulance. Conti Symptoms may be neasures Flammable solid. Foam. Dry chemine Do not use water	act with hot materia ee a physician for r he molten material nedical attention. oughly. Do not ind keep head low so t ately. y cause redness a toxic gas, may be respiratory and eye ose, and loss of co rdous levels in the supportive measure le flushing, remove inue flushing durin e delayed.	emoval of adhering material a gently open eyelids and flus ice vomiting without advice fr nat stomach content doesn't g nd pain. Molten material will p present. Signs and symptom irritation, dizziness, nausea, nsciousness. Odour does not atmosphere. s and treat symptomatically. clothes which do not adhere g transport to hospital. Keep v nd. Carbon dioxide (CO2).	and treatment of but h affected eye(s) w om poison control of get into the lungs. C produce thermal but s of overexposure to coughing, a sensa provide a reliable i Thermal burns: Flu to affected area. C rictim under observ	ly as possible irn. ith cold water center. If Get medical rns. Hydrogen tion of drynes ndicator of the sh with water all an ation.

5.3. Advice for firefighters Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protect	tive equipment and emergency procedures
For non-emergency personnel	Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.
For emergency responders	Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.
6.2. Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
6.3. Methods and material for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material.
	Large Spills: Stop the flow of material, if this is without risk. Shovel the material into waste container. Following product recovery, flush area with water.
	Small Spills: Sweep or shovel up material and place in a clearly labeled container for waste. Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Avoid contact with hot or molten material. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. May contain poisonous and flammable hydrogen sulfide vapour in container headspace. When using do not smoke. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see section 10 of the SDS).
7.3. Specific end use(s)	Refinery feedstock. Observe industrial sector guidance on best practices.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Impurities	Туре	Value
Hydrogen sulphide (CAS 7783-06-4)	STEL	14 mg/m3
		10 ppm
	TWA	7 mg/m3
		5 ppm
Impurities	Туре	Value
Impurities	Туре	Value
Impurities Hydrogen sulphide (CAS 7783-06-4)	Type STEL	Value 14 mg/m3
Hydrogen sulphide (CAS		
Hydrogen sulphide (CAS		14 mg/m3
Hydrogen sulphide (CAS	STEL	14 mg/m3 10 ppm
Hydrogen sulphide (CAS	STEL	14 mg/m3 10 ppm 7 mg/m3 5 ppm

Predicted no effect concentrations (PNECs)	Not available.
8.2. Exposure controls	
Appropriate engineering controls	Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide easy access to water supply or an emergency shower.
Individual protection measures,	such as personal protective equipment
General information	Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Eye/face protection	Wear safety glasses with side shields (or goggles). Wear a face shield when working with molten material. Eye protection should meet standard EN 166.
Skin protection	
- Hand protection	When handling hot material, use heat resistant gloves.
	Incidental contact: Glove material: PVC. Use gloves with breakthrough time of 480 minutes. Minimum glove thickness 17 mm. Wear suitable gloves tested to EN374.
- Other	Heat resistant/insulated gloves and clothing are recommended when working with molten material. Thermally protective, chemical resistant full body suit is recommended when volume of material is significant.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

	ai alla oliolilloal pie
Physical state	Liquid.
Form	Molten liquid.
Colour	Yellow.
Odour	Sulphurous.
Melting point/freezing point	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	Flammable solid.
Upper/lower flammability or expl	osive limits
Explosive limit - lower (%)	Not determined.
Explosive limit – upper (%)	Not determined.
Flash point	Not determined.
Auto-ignition temperature	Not determined.
Decomposition temperature	Not determined.
рН	Not determined.
Kinematic viscosity	Not determined.
Solubility	
Solubility (water)	Slight.
Partition coefficient (n-octanol/water) (log value)	Not determined.
Vapour pressure	Not determined.
Density and/or relative density	
Relative density	Not determined.

Vapour density	Not determined.
Particle characteristics	Not determined.
9.2. Other information	
9.2.1. Information with regard to physical hazard classes	No relevant additional information available.
9.2.2. Other safety characteristics	No relevant additional information available.
SECTION 10: Stability and	1 reactivity

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Heat, flames and sparks. Contact with incompatible materials. Keep away from combustible material.
10.5. Incompatible materials	Strong oxidising agents.
10.6. Hazardous decomposition products	Sulphur oxides. Hydrogen sulphide.

SECTION 11: Toxicological information

General information

Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of e	xposure
Inhalation	Prolonged inhalation may be harmful. At elevated temperatures, vapor may cause irritation of respiratory tract.
Skin contact	Molten material will produce thermal burns. Causes skin irritation.
Eye contact	Molten material will produce thermal burns.
Ingestion	Molten material will produce thermal burns.
Symptoms	Molten material will produce thermal burns. Skin irritation. May cause redness and pain.
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008	

Acute toxicity Hydrogen sulphide, a highly toxic gas, may be present. Signs and symptoms of overexposure to hydrogen sulphide include respiratory and eye irritation, dizziness, nausea, coughing, a sensation of dryness and pain in the nose, and loss of consciousness. Odour does not provide a reliable indicator of the presence of hazardous levels in the atmosphere.

Components	Species	Test Results
Sulphur (CAS 7704-34-9)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	> 5.43 g/m3, 4 Hours
Oral		
LD50	Rat	> 2000 mg/kg
Impurities	Species	Test Results

Hydrogen sulphide (CAS 7783-06-4)

riyarogon capinao (one ri co co	')	
Acute		
Inhalation		
Gas		
LC50	Rat	444 ppm, 4 Hours
Skin corrosion/irritation	Causes skin irritation. Thermal	burn hazard - contact with hot material may cause thermal burns.
Serious eye damage/eye irritation	Thermal burn hazard - contact with hot material may cause thermal burns.	
Respiratory sensitisation	Based on available data, the cl	assification criteria are not met.
Skin sensitisation	Based on available data, the cl	assification criteria are not met.
Germ cell mutagenicity	Based on available data, the cl	assification criteria are not met.
Carcinogenicity	Based on available data, the cl	assification criteria are not met.
Reproductive toxicity	Based on available data, the cl	assification criteria are not met.

Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Not an aspiration hazard.
Mixture versus substance information	No information available.
11.2. Information on other hazar	ds
Endocrine disrupting properties	This substance does not have endocrine disrupting properties with respect to human health, as it does not meet the assessment criteria laid out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605.
Other information	No other specific acute or chronic health impact noted.

SECTION 12: Ecological information

12.1. Toxicity The produc

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Impurities		Species	Test Results
Hydrogen sulphide (CAS 7783-06	6-4)		
Aquatic			
Acute			
Crustacea	EC50	Crustacea	0.042 mg/l, 48 Hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0.0243 mg/l, 96 hours
12.2. Persistence and degradability	No data is av	ailable on the degradability of this product.	
12.3. Bioaccumulative potential	No data avail	able.	
Partition coefficient n-octanol/water (log Kow)	Not available		
Bioconcentration factor (BCF)	Not available		
12.4. Mobility in soil	No data avail	able.	
12.5. Results of PBT and vPvB assessment	This substan	ce does not meet vPvB / PBT criteria of Re	gulation (EC) No 1907/2006, Annex XIII.
12.6. Endocrine disrupting properties	This substance does not have endocrine disrupting properties with respect to the environment, as it does not meet the assessment criteria laid out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605.		
12.7. Other adverse effects	None known.		

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Residual waste	Dispose of in accordance with local regulations.
Contaminated packaging	Dispose of in accordance with local regulations.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

ur de la companya de	
14.1. UN number	UN2448
14.2. UN proper shipping	SULPHUR, MOLTEN
name	
14.3. Transport hazard class((es)
Class	4.1
Subsidiary risk	-
Label(s)	4.1
Hazard No. (ADR)	44
Tunnel restriction code	E
14.4. Packing group	III
14.5. Environmental hazards	No.

14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user RID 14.1. UN number UN2448 14.2. UN proper shipping SULPHUR, MOLTEN name 14.3. Transport hazard class(es) Class 4 1 Subsidiary risk Label(s) 41 Ш 14.4. Packing group 14.5. Environmental hazards No. 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user ADN UN2448 14.1. UN number SULPHUR, MOLTEN 14.2. UN proper shipping name 14.3. Transport hazard class(es) Class 4.1 Subsidiary risk 4.1 Label(s) 14.4. Packing group ш 14.5. Environmental hazards No. Read safety instructions, SDS and emergency procedures before handling. 14.6. Special precautions for user ΙΑΤΑ 14.1. UN number UN2448 14.2. UN proper shipping Sulphur, molten name 14.3. Transport hazard class(es) 4.1 Class Subsidiary risk 14.4. Packing group 14.5. Environmental hazards No. 31 ERG Code 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user IMDG UN2448 14.1. UN number 14.2. UN proper shipping SULPHUR, MOLTEN name 14.3. Transport hazard class(es) Class 4.1 Subsidiary risk 14.4. Packing group Ш 14.5. Environmental hazards Marine pollutant No. F-A. S-H EmS 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. for user 14.7. Maritime transport in bulk Not established. according to IMO instruments **General information** Shipping descriptions in this section are offered as examples only. Classification for transport must accurately reflect the material hazards as designated under a variety of regulations and is solely

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.

the responsibility of the person offering the material for transport into commerce.

Regulation (EU) 2019/1021	On persistent organic pollutants (recast), as amended
Not listed.	
• • •	012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended
Not listed. Regulation (EU) No. 649/20	012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended
Not listed.	The concerning the export and import of dangerous chemicals, Annex 1, 1 are 2 as amended
	012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended
Not listed.	
Regulation (EU) No. 649/20	012 concerning the export and import of dangerous chemicals, Annex V as amended
Not listed.	
• • •	006 Annex II Pollutant Release and Transfer Registry, as amended
Not listed. Regulation (EC) No. 1907/2	2006, REACH Article 59(10) Candidate List as currently published by ECHA
Not listed.	
Authorisations	
Regulation (EC) No. 1907/2	2006, REACH Annex XIV Substances subject to authorization, as amended
Not listed.	
Restrictions on use	
	2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended given for the associated entry number should be considered
Hydrogen sulphide (CAS	
, , ,	2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended
Not listed.	
Directive 2004/37/EC: on the work, as amended.	ne protection of workers from the risks related to exposure to carcinogens and mutagens at
Not listed.	
	larketing and Use of Explosive Precursors, Annex I, as amended
Not listed.	
Regulation 2019/1148 on N	larketing and Use of Explosive Precursors, Annex II, as amended
Not listed.	
Other regulations	The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.
National regulations	Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as
45.2 Chemical actaty	amended. No Chemical Safety Assessment has been carried out.
15.2. Chemical safety assessment	No Chemical Salety Assessment has been camed out.
SECTION 16: Other inform	mation
List of abbreviations	
	ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
	ADR: Agreement concerning the International Carriage of Dangerous Goods by Road. CAS: Chemical Abstract Service.
	CEN: European Committee for Standardization.
	IATA: International Air Transport Association.
	IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
	IMDG: International Maritime Dangerous Goods.
	MARPOL: International Convention for the Prevention of Pollution from Ships.
	PBT: Persistent, bioaccumulative and toxic.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

- STEL: Short term exposure limit.
- TWA: Time Weighted Average.
 - vPvB: Very persistent and very bioaccumulative.
- References IARC Monographs. Overall Evaluation of Carcinogenicity ECHA: European Chemical Agency.

Information on evaluationThe classification for health and environmental hazards is derived by a combination of calculationmethod leading to themethods and test data, if available.

classification of mixture Full text of any statements, H which are not written out in full

H315 Causes skin irritation.

under sections 2 to 15 Training information

Follow training instructions when handling this material.

Sulphur, molten

Valero Energy Ltd cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.