		Ν	IATER		FETY	DAT	A SHEET	SECTION	V	ŀ	IEALTH HAZARI	D DATA			SS 1085
		1	533 W.Henrietta	a Rd.	MSDS		1085	Threshold L	imited V	alue	None established. TL	/: 10 mg/m ³	(total dust) or	5 mg/m ³ (respi	irable dust).
			716) 226-6177		Effectiv	ve Date No	vember 15, 1996	Effects of Ov	verexpo	sure	Sulfur is essentially no contact. There are, ho	wever, some	individuals w	ho may be aller	gic and
Product		LL, SUBLIMED PWD.									must not be permitted but if prompt treatment				rritant,
Chemical				$\frac{1}{2}$		MTREC 24-9300	Health 1	Emergency	and		Remove any individual	who show alle	ardic reaction	promptly from th	
Synonyms	Sulfur Flower, Sulfur Flour, Roll			- X	Day 716-226-6177 Fire 1 NFPA HAZARD RATING HMIS *			First Aid Procedures			Remove any individual who show allergic reaction promptly from the exposure area where upon symptoms should disappear. EYES: Flush thoroughly with water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get immediate medical attention. <u>SKIN</u> : Flush thoroughly with water, then wash with mild soap and water. <u>INHALATION</u> : Remove to fresh air. If not				
Formula															
Unit Size	LEA			LEAST	LEAST SLIGHT MODERATE HIGH EXTREME			breathing, give artificial respiration. If breaching, give artificial respiration. If breaching attention. INCESTION: If swall					f breathing is	difficult, give oxy	vgen. Get
C.A.S. No.	7704-34-9					2	3 4				glasses of water to drin	k. Induce von	niting. Get me	edical attention i	mmediately.
Principal C			JENTS O		%	Т	_V Units	SECTION	VI		Never give anything by REACTIVITY DAT		inconscious p	erson.	
Sulfur: Roll-B	•	()			100%		e Section V.		nstable	-	Conditions to Av		Heat, spark	s, open flames	
									Stable	Х			and other h	eat sources.	
), Precipitated Powerson (. ,	NITS HIGHLY	100%	-	e Section V.	Incompatibil (Materials to	-		ts violently with strong ox sulfur will corrode steel.	idizing agents	 Corrosive t 	o copper and co	opper alloys
SUSPENDED	IN AIR IGNI	TES EASILY. MAY	CAUSE ALL	ERGIC REAC	FION.			Hazardous		-	Sulfur dioxide.				
SECTION		PHYSIC	AL DATA	A				Decomposit							
Melting Point (°F) 110°-119°C (230°-246°F) Specific Gra			Specific Gravity	vity $(H_2^0 = 1)$ 2.07 @ 21°C (70°F)			Hazardous Po May Occur		tion ot Occur	Conditions to Av	void				
Boiling Point (°F) 444°C (831°F)			Percent Volatile by Volume (%)	Volume (%) Negligible.				_	X	-		Not ap	plicable.		
Vapor Pressure (mm Hg) 0 @ 138°C (280°F)		F)	Evaporation Rate (=1)		N/A.		SECTION			PILL OR LEAK	PROCED	URES			
Vapor Density	y (Air=1)	N/A		B				Steps to be t			lise non-sr	arking tools	Provide vent	lation in spill are	ea Avoid
Solubility in Water Insoluble.								material is re	eleased	or spill	creating du	st. Sweep up	and place in	a suitable conta	
Appearance &	& Odor	Yellow powder, c	rystals or rolls	(broken lumps	; Faint odo	or of rotten e	eggs.				reclamation	ı or disposal i	n an approve	d facility.	
SECTION	IV	FIRE AN		OSION HA	ZARDD	DATA		Waste Dispo	osal Met		ischarge, treatment, or disposed and the second s				
Flash Point (Method Used) 207°C (40		05°F) (C.C.)	Flammable Limits in Air % by Volume			r Upper 3.3 46.0					Dispose of in accordance				
Extinguisher	201 0 (1					0.0	10.0				•			J	
Media	Use wate	er fog.						SECTION			DECIAL PROTE				rovoil work
SPECIAL FIF	REFIGHTIN							Respiration Prote (Specify Type)		in fume h	ood or wear a NIOSH/M	SHA-approve	d respirator.		
PROCEDURES				ear a MIOSH/N and full protect				Ventilation	Local Ex Mechani	haust cal (Genera	Recommended.	Special Other		No.	
straight streams which will sc			ich will scatter i	catter molten sulfur and dust. Small fires and or additional sulfur. Fire can rekindle if			Protective				ye Prote	ction Ch	emical safety glas	sses/goggles	
			oled below 15					Other Protective Equipment	Sm	nock, apro	n, eye wash station, vent	hood, fire ext	inguisher.		
(1993 EMERG	ENCY RESP	ONSE GUIDEBOOI	K, DOT P 58	00.6, GUIDE P	AGE NO. 32	2)		SECTION	IX	S	SPECIAL PRECA	UTIONS	-		
JNUSUAL FIRE AND Easily ignitible, combustible EXPLOSION HAZARDS mixtures with air.			azardous in co	ntact with ox	xidizing mat	erials,	Precautions to in Handling & Keep container tightly c	o be Take Storing		Store in a cool, dry, we oxidizing agents. Avoi area should be of the e	d creating due	st. All electric	motors in sulfu	ır working	
		of dus	t, when expos toxic fumes o	ixtures. Explo- ed to flames. I f oxides of sulf	Dangerous v	when heate	d it emits	Other Preca	utions	Read label of	n container before using. Do not w Avoid contact with skir ventilation. Use non-fe contaminated clothing	and eyes. A errous tools to	void breathin	g dust. Use wit	h adequate and wash
		Autoig	nition Temper	rature: 248°C (478°F).			For laboratory use of	only. Not for	drug, food o	or household use. Keep out o	of reach of child	ren.		
								Revision No	o. 8 Da	ate 11/	15/96 Approved	Michael R	aszeja	Chemical Safety Coordinator	MR
D.O.T.		R, 4.1, UN 1350, PG		form OSUA 20	<u>, </u>			The information contain gathered by them and n	ed herein is fur nust make inde	nished without pendent deter	warranty of any kind. Employers minations of suitability and complet	should use this info eness of information	rmation only as a on from all sources	supplement to other in to assure proper use	of these

	SECTION VIII SPECIAL PROTECTION INFORMATION Respiration Protection (Specify Type) None should be needed in normal laboratory handling. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.										
conditions, wear a MIOSH/MSHA approved self-contained	Ventilation	Local Exhaust		Recommended	. Special		No.				
ing apparatus and full protective clothing. Use water fog; avoid	ventilation	Mechanical (General)		Recommended	d. Other	Other No.					
nt streams which will scatter molten sulfur and dust. Small fires extinguished with sand or additional sulfur. Fire can rekindle if	Protective G	iloves	R	Rubber. Eye Prote		ction	Chemical safety glasses/goo				
ooled below 154°C (310°F).	Other Protective Equipment Smock, apron, eye wash station, vent hood, fire extinguisher.										
K, DOT P 5800.6, GUIDE PAGE NO. 32)	SECTION IX SPECIAL PRECAUTIONS										
y ignitible, combustible solid. Dust or vapor forms explosive res with air. Hazardous in contact with oxidizing materials, ng explosive mixtures. Explosion Hazard: Moderate, in the form	Precautions to be Taken in Handling & Storing Store in a cool, dry, well-ventilated area away from heat, sparks, flames and oxidizing agents. Avoid creating dust. All electric motors in sulfur working area should be of the explosive proof type. Wash thoroughly after handling Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals.										
 t, when exposed to flames. Dangerous when heated it emits toxic fumes of oxides of sulfur; can react with oxidizing ials. 	<u>other riecau</u>		V		n-ferrous tools to	reduce s	athing dust. Use wi sparking. Remove				
nition Temperature: 248°C (478°F).	For laboratory use or	ly. Not for	drug, food or ho	usehold use. Keep o	ut of reach of child	ren.					
	Revision No.	8 Da	ate 11/15/9	6 Approved	Michael R	aszeja	Chemical Safety Coordinator	MR			
	The information contained	herein is fur	nished without war	anty of any kind. Employe	ers should use this info	rmation only	as a supplement to other i				
G III							purces to assure proper use				