

Revision: 03/15/2015

Product Name: TCS-OX 2:29 Synonyms: (25)-1-(3.4-dth/dto-6,7-dimethory-2(1H)-isoquinolinyl)-3.3-dimethyl-2-((4-pyridinylimethyl)s -1-butanone, monohydrocholindia; 2. Relevant identified uses of the substance or mixture and uses advised against: Relevant identified uses; For research use only, not for human or veterinary use. 3. Details of the Supplier of the Safety Data Sheet: Company Name: Cayman Chemical Company 1100 E. Elieworth Rd. Ann Arbor, Mi 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 4. Emergency talephone number: Emergency talephone number: Emergency talephone number: C.1 Classification of the Substance or Mixture: 1.1 Classification of the Substance or Mixture: 1.1 Classification according to Regulation (EC) No 12722008 [CLP]: 2.1 Labeing according to Regulation (EC) No 12722008 [CLP]: 2.1 Labeing according to Regulation (EC) No 12722008 [CLP]: 2.1 Labeing according to Regulation (EC) No 12722008 [CLP]: 3.1 Labeing according to Regulation (EC) No 12722008 [CLP]: 3.2 Labeing according to Regulation (EC) No 12722008 [CLP]: <td< th=""><th></th><th>acco</th><th>rding to Regulation (EC) No. 190</th><th>07/2006 as amended by</th><th>y (EC) No. 1272/200</th><th>08</th></td<>		acco	rding to Regulation (EC) No. 190	07/2006 as amended by	y (EC) No. 1272/200	08		
Product Name: TCS-OX 2:29 Synonyms: (25)-1-(3.4-dth/dto-6,7-dimethory-2(1H)-isoquinolinyl)-3.3-dimethyl-2-((4-pyridinylimethyl)s -1-butanone, monohydrocholindia; 2. Relevant identified uses of the substance or mixture and uses advised against: Relevant identified uses; For research use only, not for human or veterinary use. 3. Details of the Supplier of the Safety Data Sheet: Company Name: Cayman Chemical Company 1100 E. Elieworth Rd. Ann Arbor, Mi 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 4. Emergency talephone number: Emergency talephone number: Emergency talephone number: C.1 Classification of the Substance or Mixture: 1.1 Classification of the Substance or Mixture: 1.1 Classification according to Regulation (EC) No 12722008 [CLP]: 2.1 Labeing according to Regulation (EC) No 12722008 [CLP]: 2.1 Labeing according to Regulation (EC) No 12722008 [CLP]: 2.1 Labeing according to Regulation (EC) No 12722008 [CLP]: 3.1 Labeing according to Regulation (EC) No 12722008 [CLP]: 3.2 Labeing according to Regulation (EC) No 12722008 [CLP]: <td< th=""><th></th><th>Section 1. Ic</th><th>dentification of the Substar</th><th>nce/Mixture and of</th><th>the Company/U</th><th>ndertaking</th></td<>		Section 1. Ic	dentification of the Substar	nce/Mixture and of	the Company/U	ndertaking		
Relevant identified uses: For research use only, not for human or veterinary use. 3 Details of the Supplier of the Safety Data Sheet: Company Name: Cayman Chemical Company. 1160 E. Elsworth Rd. Ann Arbor, MI 48108 Web site address: coww.caymanchem.com Information: coww.caymanchem.com Information: coww.caymanchem.com Emergency telephone number: 11 (300 E. Elsworth Rd. Company Name: coww.caymanchem.com Emergency Contact: CHEMTREC Within USA and Canada: +1 (300)424-9300 Colassification of the Substance or Mixture: 11 (30527-3867	Product	Product Name: TCS-OX 2-29 Synonyms: (2S)-1-(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl)-3,3-dimethyl-2-[(4-pyridinylmethyl)ar			nethyl-2-[(4-pyridinylmethyl)ami			
3. Details of the Supplier of the Safety Data Sheet: Company Name: Cayman Chemical Company: H180 E. Elisworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Information: Cayman Chemical Company +1 (734)971-3335 .4 Emergency Liephone number: Emergency Contact: Emergency Contact: CHEMTREC Within USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification 11 Classification of the Substance or Mixture: 1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: 1.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: Classe: No phrases: No phrases Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. OHS Storage and Disposal Phrases: No phrases apply. MS Precaution 7 for Storage and Section 13 for Disposal Information. Section 3. Composition/Information, or skin absorption. Cate of our knowledge, the toxicological properties have not been thoroughly investigate May cause eque, skin, or respiratory system irritation. Contact of our knowledge, the		-						
Company Name: Cayman Chemical Company H180 E. Elisworth Rd. An Arbor, MI 48108 Web sile address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 Image: Company Velophone number: Emergency telephone number: +1 (730)427-9336 Emergency Contact: CHEMTREC Within USA and Canada: +1 (703)527-3887 Classification according to Regulation (EC) No 1272/2008 [CLP]: +1 (703)527-3887 Classification according to Regulation (EC) No 1272/2008 [CLP]: - 2.1 Label Elements: - 2.1 Label Represe: None GHS Hazard Phrases: None GHS Reponse Phrases: None GHS Response Phrases: No phrases apply. GHS Response Phrases: No phrases apply. GHS Korage and Disposal Phrases: No phrases apply. GHS Response Phrases: May be harmful by inhalation, ingestion, or skin absorption. Rage refer to Section 7 for Storage and Section 13 for Disposal information. - May be harmful by inhalation, ingestion, or skin absorption trato. - May cause eye, skin, or respiratory system infration. - Adverse Human Health Material may be irritating to the toucous merbranes and upper respiratory trac			-	ot for human or vete	rinary use.			
1180 E. Elisworth Rd. Ann Arbor, MI 48108 Web site address: www.caymanchem.com Information: Cayman Chemical Company +1 (734)971-3335 4 Emergency telephone number: #1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 5 Section 2. Hazards Identification 1 Classification of the Substance or Mixture: 1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: 2.1 Label Elements: 2.1 Label Igenents: 2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: None GHS Reard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHS Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be irritating to the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients Section 4 Concentration Section 3. Composition/Information on Ingredients NA <td< td=""><td>1.3 Details o</td><td>of the Supplier of th</td><td>le Safety Data Sheet:</td><td></td><td></td><td></td></td<>	1.3 Details o	of the Supplier of th	le Safety Data Sheet:					
Information: Cayman Chemical Company +1 (734)971-335 4. Emergency telephone number: Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification Classification of the Substance or Mixture: 1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: None OHS Signal Word: None GHS Precaution Phrases: No phrases apply. GHS Response Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. May be harmful by inhalation, ingestion, or skin absorption. May be harmful by inhalation, ingestion, or skin absorption. May be barmful by inhalation, ingestion, or skin absorption.	Compa	ny Name:	1180 E. Ellsworth Rd.	bany				
4. Emergency telephone number: Heregency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification (Identification of the Substance or Mixture: (Identification according to Regulation (EC) No 1272/2008 [CLP]: (Identification of the Substance or Mixture is not classifiable according to GHS. (Identification Phrases: Nophrases apply. GHS Regrand Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHAverse Human Healt Material may be irritating to the muccus membranes and upper respiratory tract. Effects and Symptoms: May cause eye, skin, or respiratory system irritation. No the best of our knowledge, the toxicological properties have not been thoroughly investigate Concentration on Ingredients Section 3. Composition/Informati			-					
Emergency Contact: CHEMTREC Within USA and Canada: +1 (800)424-9300 CHEMTREC Outside USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification 1 Classification of the Substance or Mixture: 1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: 2.1 Label Elements: 2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: None GHS Signal Word: None GHS Precaution of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: Na dverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients Starf ReacH Registration No. Effects # ReacH Registration No. Concentration EC No./ EC Index No. GHS Cla				bany	+1 (73	4)971-3335		
CHEMTREC Outside USA and Canada: +1 (703)527-3887 Section 2. Hazards Identification Section 2. Hazards Identification Classification according to Regulation (EC) No 1272/2008 [CLP]: Classification according to Regulation (EC) No 1272/2008 [CLP]: Classification according to Regulation (EC) No 1272/2008 [CLP]: CHEMTREC Outside USA and Canada: CHEMTREC Outside USA in Colspan="2">CLES: Classification according to Regulation (EC) No 1272/2008 [CLP]: CHEMTREC Outside USA and Canada: CLES: CHEMTREC Outside USA in Colspan="2">CLEP: CHEMTREC Outside USA in Colspan="2">Classification according to Regulation (EC) No 1272/2008 [CLP]: CHEMTREC Outside USA in Colspan="2">Condet Colspan="2">Classification according to Regulation (EC) No 1272/2008 [CLP]: CHEMTREC Wather Colspan="2">Classification Colspan="2">CHEMTREC Wather Colspan="2">Convention Colspan="2">Classification Colspan="2">Classification Colspan="2">Classification according to Regulation (EC) No 1272/2008 [CLP]: CHEMTREC Wather Colspan="2">Convention Colspan="2">Classification Colspan="2">Classification Colspan="2">CHEMTREC Wather Colspan="2">Convention Colspan="2">Classification Colspan="2">Classification Colspan="2">Classification Colspan="2">Classification Colspan="2">Classification for Colspan="2" <td <="" colspan="2" td=""><td>-</td><td></td><td></td><td></td><td></td><td></td></td>	<td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		-					
1. Classification of the Substance or Mixture: 1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]: 1.2. Label Elements: 1.2.1. Labeling according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: None GHS Hazard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. .3.3 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / Hazardous Components (Chemical Name)/ Concentration EC No./ GHS Classification R1610882-30-8 TCS-0X 2-29 100.0 % NA No data available.	Emerge	ency Contact:			-			
1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: 2. Label Elements: 2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: None GHS Hazard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. .3 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / REACH Registration No. I810882-30-8 TCS-OX 2-29 NA No data available.			Section 2. Ha	zards Identifi	cation			
1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: 2. Label Elements: 2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: None GHS Hazard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. .3 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / REACH Registration No. I810882-30-8 TCS-OX 2-29 NA No data available.		ation of the Subst	ance or Mixture:					
1.2 Label Elements: 1.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: None GHS Hazard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Response Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHS Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / REACH Registration No. EC Index No. GH10882-30-8 TCS-OX 2-29 100.0 % NA No data available.				2008 [CLP1:				
2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]: GHS Signal Word: None GHS Hazard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Response Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. :3. Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / REACH Registration No. EC Index No. GHS Classification NA NA No data available. NA		-		[]-				
GHS Signal Word: None GHS Hazard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. :3 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / REACH Registration No. [610882-30-8] TCS-OX 2-29 100.0 % NA No data available.		g according to Reg	ulation (EC) No 1272/2008	[CLP]:				
GHS Hazard Phrases: Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Storage and Disposal Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information.	-							
Based on evaluation of currently available data this substance or mixture is not classifiable according to GHS. GHS Precaution Phrases: No phrases apply. GHS Response Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. 23 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / Hazardous Components (Chemical Name)/ Concentration EC No./ EC Index No. RTECS # ICS-OX 2-29 100.0 % NA No data available. VA NA No data available. NA		-						
GHS Precaution Phrases: No phrases apply. GHS Response Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. 3.3 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / Hazardous Components (Chemical Name)/ Concentration EC No./ GHS Classification RTECS # TCS-OX 2-29 100.0 % NA No data available. NA NA No data available. NA			rently available data this sub	stance or mixture is	not classifiable ad	cording to GHS.		
GHS Response Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. :3 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / Hazardous Components (Chemical Name)/ Concentration EC No./ GHS Classification I610882-30-8 TCS-OX 2-29 100.0 % NA No data available.								
GHS Response Phrases: No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. :3 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / Hazardous Components (Chemical Name)/ Concentration EC No./ GHS Classification I610882-30-8 TCS-OX 2-29 100.0 % NA No data available.			-					
No phrases apply. GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Heffects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / Hazardous Components (Chemical Name)/ RTECS # Hazardous Components (Chemical Name)/ REACH Registration No. CONCENTRATE IN TO SECTION 100.0 % NA No data available. NA								
GHS Storage and Disposal Phrases: Please refer to Section 7 for Storage and Section 13 for Disposal information. .3 Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / REACH Registration No. REECS # Hazardous Components (Chemical Name)/ REACH Registration No. Concentration EC No./ EC Index No. GHS Classification 1610882-30-8 TCS-OX 2-29 100.0 % NA No data available.		-						
Please refer to Section 7 for Storage and Section 13 for Disposal information. Adverse Human Health Material may be irritating to the mucous membranes and upper respiratory tract. Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / Hazardous Components (Chemical Name)/ Concentration EC No./ GHS Classification RTECS # REACH Registration No. 100.0 % NA No data available. NA NA No No Na	-							
Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / RTECS # Hazardous Components (Chemical Name)/ REACH Registration No. Concentration EC No./ EC Index No. GHS Classification 1610882-30-8 TCS-OX 2-29 100.0 % NA No data available.								
May cause eye, skin, or respiratory system irritation. To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / Hazardous Components (Chemical Name)/ Concentration EC No./ GHS Classification RTECS # Hazardous Components (Chemical Name)/ Concentration EC Index No. GHS Classification 1610882-30-8 TCS-OX 2-29 100.0 % NA No data available.	2.3 Adverse							
To the best of our knowledge, the toxicological properties have not been thoroughly investigate Section 3. Composition/Information on Ingredients CAS # / RTECS # Hazardous Components (Chemical Name)/ REACH Registration No. Concentration EC Index No. EC No./ EC Index No. GHS Classification 1610882-30-8 NA TCS-OX 2-29 100.0 % NA No data available.	Effects a	Effects and Symptoms: May be harmful by inhalation, ingestion, or skin absorption.						
Section 3. Composition/Information on Ingredients CAS # / RTECS # Hazardous Components (Chemical Name)/ REACH Registration No. Concentration EC No./ EC Index No. GHS Classification 1610882-30-8 NA TCS-OX 2-29 100.0 % NA NA No data available.								
CAS # / RTECS # Hazardous Components (Chemical Name)/ REACH Registration No. Concentration EC No./ EC Index No. GHS Classification 1610882-30-8 NA TCS-OX 2-29 100.0 % NA No data available.								
RTECS #REACH Registration No.EC Index No.1610882-30-8 NATCS-OX 2-29100.0 %NA NANo data available.		Section	on 3. Composition	/Information	on Ingredie	nts		
NA NA NA				Concentration		GHS Classification		
	1610882-30-8 NA	TCS-OX 2-29		100.0 %		No data available.		
Multi rogion f								
Multi rogion f								
						Multi-region forr		



Revision: 03/15/2015

L		Section 4	 First Aid Measure 	es	
4.1	Description of First Aid	No data available.			
	Measures:				
	In Case of Inhalation:		f not breathing, give artificial re	espiration or give oxygen b	by trained personnel.
		Get immediate medica	al attention.		
	In Case of Skin Contact:	-	n with soap and plenty of wate		
		-	attention if symptoms occur. W	-	
	In Case of Eye Contact:		d flush eyes with plenty of wate	er for at least 15 minutes.	Have eyes examined
		and tested by medical	•	· • • · · ·	
	In Case of Ingestion:		water provided person is cons Get medical attention. Do NOT		
		medical personnel.		induce vornting unless a	
		Section 5.	Fire Fighting Meas	ures	
5.1	Suitable Extinguishing	Use alcohol-resistant	foam, carbon dioxide, water, c	or drv chemical sprav.	
	Media:		ool fire-exposed containers.		
	Unsuitable Extinguishing	A solid water stream	mav be inefficient.		
	Media:	,	.,		
5.2	Flammable Properties ar	dNo data available.			
	Hazards:				
	Flash Pt:	No data.			
	Explosive Limits:	LEL: No data.	UEL: No data		
	Autoignition Pt:	No data.			
5.3	Fire Fighting Instructions	s: As in any fire, wear se	elf-contained breathing appara	tus pressure-demand (NIC	OSH approved or
		equivalent), and full p	rotective gear to prevent conta	act with skin and eyes.	
		Section 6. Acc	cidental Release Me	easures	
6.1	Protective Precautions,		athing dust, and provide adeq		
	Protective Equipment an	d As conditions warran	t, wear a NIOSH approved sel	f-contained breathing app	aratus, or respirator,
	Emergency Procedures:	and appropriate pers	onal protection (rubber boots,	safety goggles, and heavy	/ rubber gloves).
6.2	Environmental	Take steps to avoid r	elease into the environment, if	safe to do so.	
	Precautions:				
6.3	Methods and Material Fo	r Contain spill and colle	ect, as appropriate.		
	Containment and Cleanin	ngTransfer to a chemica	al waste container for disposal	in accordance with local r	regulations.
	Up:				
		Section 7.	Handling and Stor	age	
7.1	Precautions To Be Taker	Avoid breathing dust/	fume/gas/mist/vapours/spray.		
	in Handling:	Avoid prolonged or re	peated exposure.		
7.2	Precautions To Be Taken Keep container tightly closed.				
	in Storing:	Store in accordance v	vith information listed on the p	roduct insert.	
	Sec	tion 8. Exposu	re Controls/Persona	al Protection	
8.1	Exposure Parameters:	-			
CAS	# Partial Chemica	Name	Britain EH40	France VL	Europe
L					

Multi-region format



SAFETY DATA SHEET **TCS-OX 2-29**

CAS	#	Partial Chemical	Name	OSHA TWA	ACGIH TWA	Other Limits	
16108	382-30-8	TCS-OX 2-29		No data.	No data.	No data.	
3.2	Exposur	e Controls:			•	+	
3.2.1	(Ventilation etc.): levels below recommended exposure limits.					rols to control airborr	
3.2.2	Eye Pro						
	•	ve Gloves:	Safety glasses	registent deves			
			Compatible chemical-	resistant gioves			
	Respira	Other Protective Clothing: Lab coat Respiratory Equipment NIOSH approved respirator, as conditions warrant. (Specify Type)					
	(Specify Type): Work/Hygienic/Maintenan Do not take internally.						
	ce Pract	-	-	ilizing this material should be o	equipped with an evewas	h and a safety show	
	001100		Wash thoroughly afte	•	- 1- 1		
			No data available.	-			
		<u> </u>	action 0 Dhua	ical and Chamical [Proportion		
			•	ical and Chemical F	ropenies		
9.1		-	sical and Chemical Pr	-			
	-	Il States:] Liquid [X] Solid			
		ance and Odor:	A crystalline s	olid			
	Melting		No data.				
	Boiling		No data.				
	Flash Pi		No data.				
	-	ation Rate:	No data.				
	=	ve Limits:	LEL: No data	. UEL: I	No data.		
	Vapor P Hg):	ressure (vs. Air o	r mm No data.				
	Vapor D	ensity (vs. Air = 1): No data.				
	Specific	Gravity (Water =	1): No data.				
	Solubili	ty in Water:	No data.				
	Solubili	ty Notes:	~10 mg/ml in l	PBS (pH 7.2); ~30 mg/ml in D	MSO & DMF;		
	Autoign	ition Pt:	No data.				
9.2	Other Inf	formation					
	Percent	Volatile:	No data.				
	Molecul	ar Formula & Wei	ght: C23H31N3O3	• HCI 434.0			
			Section 10.	Stability and Reac	tivity		
0.1	Reactiv	ity:	No data available.				
0.2	Stability: Unstable [] Stable [X]						
10.3	Stability	v Note(s):	Stable if stored in acc	ordance with information listed	d on the product insert.		
	Polyme	rization:	Will occur [] Wil	ll not occur [X]			
0.4	Conditio	ons To Avoid:	No data available.				
0.5	Incomp	atibility - Material	s No data available.				
	To Avoi	d:					
10.6	Hazardo	bus	No data available.				
	Decomp	osition Or					
	Byprod						
						Multi-region form	



Multi-region format

Page: 4 of 5

Revision:	03/15/2015

	Information on The toxicological effects of this product have not been thoroughly studied. Toxicological Effects:						
		azardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA
1610882	2-30-8 T	CS-OX 2-29		n.a.	n.a.	n.a.	n.a.
	ł		Section 12. Ecol	ogical Inform	ation	+	•
2.1 T	oxicity:		Avoid release into the environ				
	•		Runoff from fire control or dilut	tion water may cause	e pollution.		
12.2 P	Persistence	e and	No data available.				
D	Degradabil	ity:					
2.3 B	Bioaccumu	Ilative	No data available.				
Р	Potential:						
12.4 M	lobility in	Soil:	No data available.				
12.5 R	Results of	PBT and vPvB	No data available.				
a	issessmen	it:					
12.6 O	Other adve	rse effects:	No data available.				
			Section 13. Dispo	sal Considera	ations		
I3.1 W	Vaste Disp	osal Method:	Dispose in accordance with lo	cal, state, and federa	I regulations.		
			Section 14. Trai	nsport Inform	ation		
14.1 L	LAND TRA	NSPORT (US I		•			
		hipping Name:					
	Γ Hazard C						
UN/i	NA Numbe	er:					
14.1 L	LAND TRA	NSPORT (Euro	opean ADR/RID):				
		ping Name:	Not dangerous goods.				
	Number:		5 5				
Haza	ard Class:						
14.3 A		SPORT (ICAO/I	ATA):				
ICAG	O/IATA Sh	ipping Name:	Not dangerous goods.				
Additior	nal Transp	ort	Transport in accordance with	local, state, and fede	ral regulations.		
Informa	tion:						
			Section 15. Regu	ulatory Inform	ation		
EPA SA	RA (Supe	rfund Amendm	ents and Reauthorization Ac	t of 1986) Lists			
	Ha	azardous Com	ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 31	3 (TRI)
CAS #	2200 IT/	CS-OX 2-29		No	No	No	
CAS # 1610882	2-30-0	S # Hazardous Components (Chemical Name) Other US EPA or State Lists					
		azardous Com	ponents (Chemical Name)				



Regulatory Information Statement:	This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) No.1272/2008.
	Section 16. Other Information
Revision Date:	03/15/2015
Additional Information About This Product:	No data available.
This Product: Company Policy or Disclaimer:	DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.