

Revision: 03/26/2015

according to Regulation (EC) No. 1272/2006         Section 1. Idenification of the Substance/Mixture and of the Company/Undertaking         11       Product Code:       400430         Product Name:       STAT-8-looprostane AP Tracer         12       Relevant Identified uses of the substance or mixture and uses advised against:         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.         1.3       Details of the Supplier of the Safety Data Sheet:         Company Name:       Cayman Chemical Company 1180 E. Elsworth Rd. Ann Aton M 48108         Web site address:       www.caymanchem.com Information:         Cayman Chemical Company       +1 (734)871-3335         1.4       Emergency Gontact:       CHEMTREC Within USA and Canada:       +1 (703)827-3887         2.1       Classification of the Substance or Mixture:       21.1       Classification according to Regulation (EC) No 1272/2008 [CLP]: Acute Toxicity: Oral, Category 4         2.1       Label Elements:       22.1       Label Elements:         2.1       Labeling according to Regulation (EC) No 1272/2008 [CLP]: Acute Toxicity: Oral, Category 4       22.4         2.1       Labeling according to Regulation (EC) No 1272/2008 [CLP]:       32.4         MS Signal Word:       W		CHIMICAL		Supersedes Revision: 04/29/200				
1.1       Product Code:       40430         Product Name:       STAT-8-Isoprostane AP Tracer         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.         1.3       Details of the Supplier of the Safety Data Sheet:         Company Name:       Cayman Chemical Company 1180 E, Elisworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E, Elisworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E, Elisworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E, Elisworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E, Elisworth Rd. Ann Arbor, MI 48108         Web site address:       www.caymanchem.com         Information:       Cayman Chemical Company 1180 E, Elisworth Rd. Ann Arbor, MI 48108         Label Elements:       Elexentric Elexents:         Label Elements:       Elexentric Elexents:         Label Elements:       H302; Hardef Phrasese:         P304; Hardef Phrasese:								
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May be harmful by inhalation or skin absorption. May cause eye, skin, or respiratory system irritation.	2.3			nes and upper respiratory tract				
May cause eye, skin, or respiratory system irritation.		Effects and Symptoms:						
To the best of our knowledge, the toxicological properties have not been thoroughly investigate								
			may cause eye, skin, or respiratory system initiati	ion.				
				ion				

Multi-region format



# SAFETY DATA SHEET STAT-8-Isoprostane AP Tracer

Revision: 03/26/2015 Supersedes Revision: 04/29/2005

		Seci	tion 3. Composition				
CAS # / RTECS #		Hazardous Comp REACH Registrat	oonents (Chemical Name)/ tion No.	Concentration	EC No./ EC Index No.	GHS Classification	
NA NA		STAT-8-Isoprostane	AP Tracer	99.99 %	NA NA	Acute Tox.(O) 4: H302	
26628-22-8 Sodium azide VY8050000		Sodium azide		0.01 %	247-852-1 011-004-00-7	Acute Tox.(O) 2: H300 Aquatic (A) 1: H400 Aquatic (C) 1: H410	
			Section 4. Fi	rst Aid Meas	ures		
.1	Descri	ption of First Aid	No data available.				
	Measu In Cas	res: e of Inhalation:	Remove to fresh air. If not br Get immediate medical atten		al respiration or gi	ve oxygen by trained personne	
	In Cas	Case of Skin Contact: Immediately wash skin with soap and plenty of water for at least 15 minutes. Remove contamina clothing. Get medical attention if symptoms occur. Wash clothing before reuse.					
	In Cas	<b>Case of Eye Contact:</b> Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Have eyes exa and tested by medical personnel.					
	In Cas	ase of Ingestion: Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.					
			Section 5. Fire	Fighting Me	asures		
5.1	Suitab Media:	le Extinguishing	Use alcohol-resistant foam, o Use water spray to cool fire-		-	spray.	
	Unsuit Media:	suitable Extinguishing A solid water stream may be inefficient. dia:					
5.2	Flamm Hazaro	nable Properties an ds:	<b>d</b> No data available.				
	Flash I	Pt:	No data.				
	Explos	sive Limits:	LEL: No data.	UEL: No o	lata.		
	-	nition Pt:	No data.				
5.3	Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.						
			Section 6. Accider	ntal Release	Measures		
6.1	Protective Precautions,Avoid raising and breathing dust, and provide adequate ventilation.Protective Equipment andAs conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respiratoEmergency Procedures:and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).						
6.2		vironmental       Take steps to avoid release into the environment, if safe to do so.         cautions:       Take steps to avoid release into the environment, if safe to do so.					
5.3	Methods and Material For Contain spill and collect, as appropriate. Containment and CleaningTransfer to a chemical waste container for disposal in accordance with local regulations. Up:						



Revision: 03/26/2015 Supersedes Revision: 04/29/2005

			Section 7	Handling and	Storago					
	_			Handling and	•					
7.1			-	fume/gas/mist/vapours/s	spray.					
	in Hand	0	Avoid prolonged or re							
7.2			Keep container tightly							
	in Storiı	Storing: Store in accordance with information listed on the product insert.								
	Section 8. Exposure Controls/Personal Protection									
8.1	Exposur	e Parameters:								
CAS	#	Partial Chemical N	Name	Britain EH40	France VL	Europe				
	NA	STAT-8-Isoprostan	e AP Tracer	No data.	No data.	No data.				
2662	28-22-8	Sodium azide		TWA: 0.1 mg/m3 () STEL: 0.3 mg/m3 ()	TWA: 0.1 mg/m3 STEL: 0.3 mg/m3	TWA: 0.1 mg/m3 STEL: 0.3 mg/m3				
CAS	¥	Partial Chemical N	Name	OSHA TWA	ACGIH TWA	Other Limits				
	NA	STAT-8-Isoprostan	e AP Tracer	No data.	No data.	No data.				
2662	28-22-8	Sodium azide		No data.	CEIL: 0.29 mg/m3	No data.				
8.2		e Controls:			~					
8.2.1	-		Use process enclosu	res, local exhaust ventila	ation, or other engineering c	controls to control airborne				
	-			ended exposure limits.						
8.2.2		al protection equip	ment:							
	Eye Pro	tection:	Safety glasses							
	Protecti	ve Gloves:	Compatible chemical	-resistant gloves						
	Other Protective Clothing:Lab coat									
	Respira	tory Equipment	NIOSH approved res	pirator, as conditions wa	irrant.					
	(Specify	/ Туре):								
	Work/H	ygienic/Maintenan	Do not take internally	<i>'</i> .						
				utilizing this material should be equipped with an eyewash and a safety shower						
	ce Pract	tices:	Facilities storing or ut	tilizing this material shou	ind be equipped with an eye	wash and a safety showe				
	ce Prac		Facilities storing or un Wash thoroughly afte	•	in be equipped with an eye	wash and a safety showe				
	ce Prac		•	•	nu be equipped with an eye	wash and a safety showe				
	ce Prac		Wash thoroughly afte No data available.	•		wash and a safety showe				
9.1		Se	Wash thoroughly afte No data available.	er handling. sical and Chemi		wash and a safety showe				
9.1	Informat	Se	Wash thoroughly after No data available. Action 9. Physical and Chemical P	er handling. sical and Chemi		wash and a safety showe				
9.1	Informat Physica	Se ion on Basic Physi	Wash thoroughly after No data available. Action 9. Physical and Chemical P	er handling. sical and Chemi roperties ] Liquid [X] Solid		wash and a safety showe				
9.1	Informat Physica	Se ion on Basic Physi Il States: ance and Odor:	Wash thoroughly after No data available. ection 9. Phys ical and Chemical P [] Gas [	er handling. sical and Chemi roperties ] Liquid [X] Solid		wash and a safety showe				
9.1	Informat Physica Appeara	Se ion on Basic Physi Il States: ance and Odor: Point:	Wash thoroughly after No data available. Ection 9. Physical ical and Chemical P [] Gas [ A lyophilized	er handling. sical and Chemi roperties ] Liquid [X] Solid		wash and a safety showe				
9.1	Informat Physica Appeara Melting Boiling Flash P	Se ion on Basic Physi Il States: ance and Odor: Point: Point: t:	Wash thoroughly after No data available. Ection 9. Physical ical and Chemical P [] Gas [ A lyophilized No data.	er handling. sical and Chemi roperties ] Liquid [X] Solid		wash and a safety showe				
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9.1	Informat Physica Appeara Melting Boiling Flash Pi Evapora Explosi	Se ion on Basic Physi al States: ance and Odor: Point: Point: t: ation Rate: ve Limits:	Wash thoroughly after No data available. Ection 9. Physe ical and Chemical P [] Gas [ A lyophilized No data. No data. No data. No data. LEL: No data	er handling. sical and Chemi roperties ] Liquid [X] Solid powder		wash and a safety showe				
9.1	Informat Physica Appeara Melting Boiling Flash Pi Evapora Explosi	Se ion on Basic Physi Il States: ance and Odor: Point: Point: t: ation Rate:	Wash thoroughly after No data available. Ection 9. Physe ical and Chemical P [] Gas [ A lyophilized No data. No data. No data. No data. LEL: No data	er handling. sical and Chemi roperties ] Liquid [X] Solid powder	cal Properties	wash and a safety showe				
9.1	Informat Physica Appeara Melting Boiling Flash Pi Evapora Explosi Vapor P Hg):	Se ion on Basic Physi al States: ance and Odor: Point: Point: t: ation Rate: ve Limits:	Wash thoroughly after No data available. Ection 9. Physe ical and Chemical P []Gas [ A lyophilized No data. No data. No data. LEL: No data mm No data.	er handling. sical and Chemi roperties ] Liquid [X] Solid powder	cal Properties	wash and a safety showe				
9.1	Informat Physica Appeara Melting Boiling Flash Pt Evapora Explosit Vapor P Hg): Vapor D	Se ion on Basic Physi al States: ance and Odor: Point: Point: t: ation Rate: ve Limits: Pressure (vs. Air or	Wash thoroughly after No data available. ECTION 9. Physe ical and Chemical P [] Gas [ A lyophilized No data. No data. No data. LEL: No data. mm No data. : No data.	er handling. sical and Chemi roperties ] Liquid [X] Solid powder	cal Properties	wash and a safety showe				

Multi-region format



Multi-region format

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	Autoignition Pt: No data.							
9.2	0.2 Other Information							
	Percent Volatile:		No data.					
	Section 10. Stability and Reactivity							
10.1	Reactivi	tv:	No data available.					
10.2	Stability	-	Unstable [ ] Stable [ X ]					
10.3	Stability		Stable if stored in accordance with informa	ation listed o	on the product	insert.		
	Polymer		Will occur [ ] Will not occur [ X ]					
10.4	Conditio	ons To Avoid:	No data available.					
10.5	Incompa	tibility - Materials	strong oxidizing agents					
	To Avoid	d:						
10.6	Hazardo	us	hydrogen chloride gas					
	Decomp	osition Or	phosphorus oxides					
	Byprodu	icts:	potassium oxides					
			sodium oxides					
			Section 11. Toxicological	Informa	ation			
11.1	Informat	ion on	The toxicological effects of this product ha	ve not beer	n thoroughly st	udied.		
	Toxicolo	gical Effects:						
CAS	#	Hazardous Com	ponents (Chemical Name)	NTP	IARC	ACGIH	OSHA	
	NA	STAT-8-Isoprosta	ine AP Tracer	n.a.	n.a.	n.a.	n.a.	
2662	28-22-8	Sodium azide		n.a.	n.a.	A4	n.a.	
		·	Section 12. Ecological Ir	nformat	ion			
12.1	Toxicity		Avoid release into the environment.					
	-		Runoff from fire control or dilution water m	ay cause p	ollution.			
12.2	Persiste	nce and	No data available.					
	Degrada	bility:						
12.3	Bioaccu	mulative	No data available.					
	Potentia	I:						
12.4	Mobility	in Soil:	No data available.					
12.5	Results	of PBT and vPvB	No data available.					
	assessment:							
12.6	6 Other adverse effects: No data available.							
Section 13. Disposal Considerations								
13.1	•							



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#### Section 14. Transport Information LAND TRANSPORT (US DOT): 14.1 DOT Proper Shipping Name: Not dangerous goods. DOT Hazard Class: UN/NA Number: LAND TRANSPORT (European ADR/RID): 14.1 ADR/RID Shipping Name: Not dangerous goods. **UN Number:** Hazard Class: 14.3 AIR TRANSPORT (ICAO/IATA): ICAO/IATA Shipping Name: Not dangerous goods. Additional Transport Transport in accordance with local, state, and federal regulations. Information: Section 15. Regulatory Information EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists CAS # Hazardous Components (Chemical Name) S. 302 (EHS) S. 304 RQ S. 313 (TRI) NA STAT-8-Isoprostane AP Tracer No No No 26628-22-8 Sodium azide Yes 500 LB Yes 1000 LB Yes CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists NA STAT-8-Isoprostane AP Tracer CAA HAP, ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No 26628-22-8 Sodium azide CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -Inventory; CA PROP.65: No This SDS was prepared in accordance with 29 CFR 1910.1200 and Regulation (EC) **Regulatory Information** No.1272/2008. Statement: Section 16. Other Information **Revision Date:** 03/26/2015 Additional Information About 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.