STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025



Page 1 of 16 Print Date 01/10/2025

SAFETY DATA SHEET

STAN-TONE HCC-27609 YELLOW

Section 1. Identificatio	n	
GHS product identifier Chemical name CAS number Other means of identification Product type	::	STAN-TONE HCC-27609 YELLOW Mixture Mixture FO00012517 liquid
<u>Relevant identified uses of the subst</u> Product use	ance :	or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	AVIENT CORPORATION 1675 Navarre Road SW, Massillon, Ohio USA 44646
		1 330 837 8679
Emergency telephone number (with hours of operation)	:	CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. Some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	:	CARCINOGENICITY - Category 1A
GHS label elements		

STAN-TONE HCC-27609 YELLOW



Version Number 1.4 Revision Date 01/01/2025 Page 2 of 16 Print Date 01/10/2025

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	May cause cancer.
Precautionary statements		
Prevention	:	Not applicable. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.
Response	:	IF exposed or concerned: Get medical advice or attention.
Storage	:	Store locked up.
Disposal	:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known. Not available.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	FO0001251

CAS number/other identifiers

Ingredient name	%	CAS number
Chrome yellow (Lead chromate pigment)	>= 50 - <= 75	1344-37-2

7

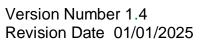
Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

STAN-TONE HCC-27609 YELLOW



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Page 3 of 16 Print Date 01/10/2025

Description of necessary first aid measures

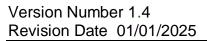
Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	:	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects		
Eye contact Inhalation Skin contact Ingestion	:	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Over-exposure signs/symptoms	ĺ	
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

STAN-TONE HCC-27609 YELLOW





Page 4 of 16 Print Date 01/10/2025

Notes to physician Specific treatments	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or CO ₂ . None known.
Specific hazards arising from the chemical Hazardous thermal decomposition products	:	In a fire or if heated, a pressure increase will occur and the container may burst. Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides
Special protective actions for fire- fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is	For non-emergency personnel	:	
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STAN-TONE HCC-27609 YELLOW

Version Numb	er 1.4
Revision Date	01/01/2025

Page 5 of 16 Print Date 01/10/2025

For emergency responders	:	inadequate. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containme	nt ar	nd cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See

STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025



Page 6 of 16 Print Date 01/10/2025

also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a well-ventilated place. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits	
Chrome yellow (Lead chromate pigment)	 ACGIH TLV (2018-03-20) TWA 0.0002 mg/m3 (as Cr) Form: Inhalable fraction STEL 0.0005 mg/m3 (as Cr) Form: Inhalable fraction NIOSH REL (2010-09-01) TWA 0.0002 mg/m3 OSHA PEL 1989 (1989-03-01) CEIL 0.1 mg/m3 (as CrO3) OSHA PEL 1989 (1989-03-01) TWA 0.05 mg/m3 (calculated as Pb) OSHA PEL (2006-11-27) TWA 0.005 mg/m3 (as Cr) OSHA PEL (1993-06-30) TWA 0.05 mg/m3 (calculated as Pb) OSHA PEL Z2 (2006-11-27) CEIL 0.001 mg/m3 	
Appropriate engineering controls :	If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.	
Environmental exposure controls :		

STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025

Individual protection measures



Page 7 of 16 Print Date 01/10/2025

Hygiene measures Eye/face protection	 Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	 Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	 Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	 Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state Color	iquid [Paste.] YELLOW
Odor	: Not available.
Odor threshold	: Not available.

STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025



Page 8 of 16 Print Date 01/10/2025

Melting point:Not available.Boiling point:Not available.Flash point:Not available.Burning time:Not available.Burning rate:Not available.Evaporation rate:Not available.Flammability (solid, gas):Not available.Lower and upper explosive:Lower: Not available.(flammable) limits:Upper: Not available.Vapor pressure:Not available.Vapor density:Not available.Relative density:Not available.Solubility:Not available.Solubility in water:Not available.Partition coefficient: n- octanol/water:Not available.Auto-ignition temperature:Not available.SADT:Not available.Viscosity:Dynamic: Not available.Kinematic: Not available.:Not available.Aerosol product:Not available.Heat of combustion:Not available.Ignition distance equivalent:Not available.Enclosed space ignition - Time equivalent:Not available.Deflagration density:Not available.Flame height:Not available.Flame duration:Not available.	рН	:	Not available.
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	Deflagration density		
Flame duration : Not available.	Flame height	:	Not available.
	Flame duration	:	Not available.

Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	Keep away from strong acids. Oxidizer.

STAN-TONE HCC-27609 YELLOW



Version Number 1.4 Revision Date 01/01/2025 Page 9 of 16 Print Date 01/10/2025

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

:

Information on toxicological effects

Acute toxicity

Conclusion/Summary	:	Mixture.Not fully tested.
Irritation/Corrosion		
Conclusion/Summary Skin Eyes Respiratory	::	Mixture.Not fully tested. Mixture.Not fully tested. Mixture.Not fully tested.
Sensitization		
Conclusion/Summary Skin Respiratory	:	Mixture.Not fully tested. Mixture.Not fully tested.
Mutagenicity		
Conclusion/Summary	:	Mixture.Not fully tested.
<u>Carcinogenicity</u>		
Conclusion/Summary	:	Mixture.Not fully tested.

Classification

Product/ingredient name	OSHA	IARC	NTP
C.I. Pigment Yellow 34	+	12A	Known to be a human carcinogen.Reasonably anticipated to be a human carcinogen.
<u>Reproductive toxicity</u> Conclusion/Summary	:	Mixture.Not fu	lly tested.
<u>Teratogenicity</u>			
Conclusion/Summary	:	Mixture.Not fu	lly tested.

STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025



Page 10 of 16 Print Date 01/10/2025

Specific target organ toxicity (single ex Not available.	<u>kposure)</u>
Specific target organ toxicity (repeated Not available.	<u>l exposure)</u>
Aspiration hazard Not available.	
Information on the likely routes of exposure	Not available.
Potential acute health effects	
Eye contact Inhalation Skin contact Ingestion	No known significant effects or critical hazards. No known significant effects or critical hazards.
Symptoms related to the physical, cher	mical and toxicological characteristics
Eye contact Inhalation Skin contact Ingestion	No specific data. No specific data.
Delayed and immediate effects and als	o chronic effects from short and long term exposure
Short term exposure	
Potential immediate effects Potential delayed effects	Not available. Not available.
Long term exposure	
Potential immediate effects Potential delayed effects	Not available. Not available.
Potential chronic health effects	
Conclusion/Summary	Mixture.Not fully tested.
General Carcinogenicity	May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity Teratogenicity	No known significant effects or critical hazards. No known significant effects or critical hazards. 10/16

10/16

STAN-TONE HCC-27609 YELLOW



Version Number 1.4 Revision Date 01/01/2025 Page 11 of 16 Print Date 01/10/2025

Developmental effects Fertility effects	:	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Numerical measures of toxicity		
<u>Acute toxicity estimates</u> N/A		
Other information	:	This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Section 12. Ecological information

Toxicity

Conclusion/Summary	:	Not available.
Persistence and degradability		
Conclusion/Summary	:	Not available.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
C.I. Pigment Yellow 34	-	3,600.00	high

Mobility in soil

Soil/water partition coefficient (KOC)	:	Not available.
Other adverse effects	:	No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products
	should at all times comply with the requirements of environmental
	11/16

STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025



Page 12 of 16 Print Date 01/10/2025

protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations	: United States - TSCA 12(b) - Chemical export notification: The following components are listed: Chrome yellow (Lead chromate pigment)
	United States - TSCA 4(a) - Final Test Rules: Not listed
	United States - TSCA 4(a) - ITC Priority list: Not listed
	United States - TSCA 4(a) - Proposed test rules: Not listed
	United States - TSCA 4(f) - Priority risk review: Not listed
	United States - TSCA 5(a)2 - Final significant new use rules: Not listed
	United States - TSCA 5(a)2 - Proposed significant new use rules:
	Not listed
	United States - TSCA 5(e) - Substances consent order: Not listed
	United States - TSCA 6 - Final risk management: Listed Chrome
	40/40

12/16

STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025



Page 13 of 16
Print Date 01/10/2025

yellow (Lead chromate pigment)

		 United States - TSCA 6 - Proposed risk management: Not listed United States - TSCA 8(a) - Chemical risk rules: Not listed United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed United States - TSCA 8(a) - Preliminary assessment report (PAIR): Not listed United States - TSCA 8(c) - Significant adverse reaction (SAR): Not listed United States - TSCA 8(d) - Health and safety studies: Not listed United States - TSCA 8(d) - Health and safety studies: Not listed United States - TSCA 8(d) - Chemical Data Reporting (CDR): Not determined United States - EPA Clean water act (CWA) section 307 - Priority pollutants: Listed Chrome yellow (Lead chromate pigment) United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances: Not listed United States - Department of commerce - Precursor chemical: Not listed
Clean Air Act Section 112(b)	:	Listed
Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I Substances	:	Not listed
Clean Air Act Section 602 Class II	:	Not listed
Substances DEA List I Chemicals (Precursor Chemicals)	:	Not listed
DEA List II Chemicals (Essential Chemicals)	:	Not listed

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

: CARCINOGENICITY - Category 1A

Composition/information on ingredients

Name	%	Classification
C.I. Pigment Yellow 34	>= 50 - <= 75	CARCINOGENICITY - Category 1B

13/16

STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025 Page 14 of 16 Print Date 01/10/2025

<u>SARA 313</u>

a. .

Form R - Reporting requirements

Product name	CAS number	%
Chrome yellow (Lead chromate pigment)	1344-37-2	>= 45 - < 70

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations		
Massachusetts	:	None of the components are listed.
New York	:	None of the components are listed.
New Jersey	:	The following components are listed:
		Chrome yellow (Lead chromate pigment)
Pennsylvania	:	The following components are listed:
		Chrome yellow (Lead chromate pigment)
·	:	Chrome yellow (Lead chromate pigment) The following components are listed:

California Prop. 65

. ..

WARNING: This product can expose you to chemicals including Chrome yellow (Lead chromate pigment), which is known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to chemicals including Diisodecyl phthalate (mixed isomers), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Chrome yellow (Lead chromate pigment)	Yes.	Yes.
Diisodecyl phthalate (mixed isomers)	-	Yes.

United States inventory (TSCA 8b)	:	All components are active or exempted.
Canada inventory	:	All components are listed or exempted.
International regulations Inventory list		
Australia	:	Not determined.
Canada	:	All components are listed or exempted.
China	:	All components are listed or exempted.
Eurasian Economic Union	:	Russian Federation inventory: Not determined.
		14/16



STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025



Page 15 of 16 Print Date 01/10/2025

Japan	:	Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	:	All components are listed or exempted.
Philippines	:	All components are listed or exempted.
Republic of Korea	:	All components are listed or exempted.
Taiwan	:	All components are listed or exempted.All components are listed or exempted.
Thailand	:	Not determined.
Turkey	:	All components are listed or exempted.
United States	:	All components are active or exempted.
Viet Nam	:	All components are listed or exempted.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	*	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

<u>1115t01 y</u>		
Date of printing	:	01/10/2025
Date of issue/Date of revision	:	01/01/2025
Date of previous issue	:	03/31/2022
Version	:	1.4
Key to abbreviations	:	ATE = Acute Toxicity Estimate
5		BCF = Bioconcentration Factor
		GHS = Globally Harmonized System of Classification and Labelling of
		Chemicals
		IATA = International Air Transport Association
		IBC = Intermediate Bulk Container
		IMDG = International Maritime Dangerous Goods
		LogPow = logarithm of the octanol/water partition coefficient
		MARPOL = International Convention for the Prevention of Pollution From
		Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine
		pollution)
		$\hat{U}N = United Nations$
References	:	Not available.

STAN-TONE HCC-27609 YELLOW

Version Number 1.4 Revision Date 01/01/2025 Page 16 of 16 Print Date 01/10/2025

Notice to reader

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