



ATAC Red Oxide Primer (Part number 50297)

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Date of Issue: 03/10/2025

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: ATAC Red Oxide Primer (Part number 50297)

1.2 Recommended Use and Restrictions on Use

Use of the Substance/Mixture: Automotive paint

No additional information available

1.3. Name, Address, and Telephone of the Responsible Party

Company

Design Engineering Inc

604 Moore Rd

Avon Lake, Ohio 44012

1-440-930-7940

Website: www.designengineering.com

Email: Sales@designengineering.com

1.4. Emergency Telephone Number

Emergency Number : VelocityEHS
(800)255-3924 (North America)
+1 (813)248-0585 (International)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification

Serious eye damage/eye irritation, Category 2 H319

Carcinogenicity, Category 1B H350

Hazardous to the aquatic environment — Acute Hazard, Category 3 H402

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H319 - Causes serious eye irritation.
H350 - May cause cancer.
H402 - Harmful to aquatic life.

Precautionary Statements (GHS-US)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P264 - Wash hands, forearms and face thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3 Hazards associated with known or reasonably anticipated uses

(If this product is used in unforeseeable chemical processes and not used as intended or reasonable, the hazards listed in Section 2.3 cannot cover all chemistries. Therefore, a Process Hazard Analysis (PHA) or other hazard assessment for additional specific end uses should be performed to ensure that hazards are fully understood, and adequate safety measures are in place. See Section 10 for relevant reactivity and stability information)

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2.4. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.5. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
Acrylic Resin	None.	(CAS-No.) Not available	58	Not classified.
Water	AQUA	(CAS-No.) 7732-18-5	22	Not classified.
Iron oxide (Fe2O3)	C.I. 77491 / C.I. Pigment Red 101 / Diiron trioxide / Ferric oxide / Iron sesquioxide / Iron(III) oxide / Red Iron Oxide / Rouge / CI 77491 / Iron trioxide / Sienna / Pigment Red 101 / Red iron oxide / Red iron oxide pigment / Iron Oxide Red / Diiron(III) trioxide / Iron oxide / Ferric oxide red / Iron oxide, red / Iron oxide fume	(CAS-No.) 1309-37-1	9	Combustible Dust
Carbonic acid, calcium salt (1:1)	C.I. Pigment White 18 / Calcium carbonate / Pigment White 18 / C.I. 77220 / Carbonic acid, calcium salt / CALCIUM CARBONATE / CI 77220 / calcium carbonate	(CAS-No.) 471-34-1	5	Not classified.
Distillates, petroleum, hydrotreated heavy paraffinic	Petroleum distillates, hydrotreated heavy paraffinic / Distillates (petroleum), hydrotreated heavy paraffinic / Paraffin oil / Distillates, petroleum, hydrotreated heavy paraffinic (A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20-50 and produces a finished oil of at least 100 SUS at 100°F (19cSt at 40°C). It contains a relatively large proportion of saturated hydrocarbons.) / Heavy paraffinic hydrotreated distillate / HYDROGENATED MINERAL OIL / Hydrogenated mineral oil	(CAS-No.) 64742-54-7	1.4	Carc. 1B, H350
Cellulose, 2-hydroxyethyl ether	Hydroxyethyl cellulose / Hydroxyethylcellulose / 2-Hydroxyethyl cellulose / HYDROXYETHYLCELLULOSE / Cellosize hydroxyethyl cellulose / Ethyl cellulose resin / Hydroxyethyl cellulose / Hydroxyethylcellulose / 2-Hydroxyethyl cellulose / HYDROXYETHYLCELLULOSE / Cellosize hydroxyethyl cellulose / Ethyl cellulose resin	(CAS-No.) 9004-62-0	1	Combustible Dust

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Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt	Diocetyl sodium sulfosuccinate / Dioctyl / Docusate sodium / Sodium bis(2-ethylhexyl) sulfosuccinate / Succinic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt / Sulfosuccinate, 2-ethylhexyl, sodium / Butanedioic acid, 2-sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (1:1) / Bis(2-ethylhexyl) sodium sulfosuccinate / DIETHYLHEXYL SODIUM SULFOSUCCINATE / 1,4-Bis(2-ethylhexyloxy)-1,4-dioxobutane-2-sulfonic acid sodium salt / Sulphosuccinic acid, bis(2-ethylhexyl) ester, sodium salt / Di(2-ethylhexyl) sodium sulfosuccinate / Idefil / Sulfosuccinic acid di-2-ethylhexyl sodium salt / Sodium 1,4-bis(2-ethylhexyloxy)-1,4-dioxobutane-2-sulfonate / Sodium 1,4-bis[(2-ethylhexyl)oxy]-1,4-dioxobutane-2-sulfonate / Diethylhexyl sodium sulfosuccinate	(CAS-No.) 577-11-7	1	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
2-Propenoic acid, homopolymer, sodium salt	Sodium polyacrylate / Acrylic acid polymer, sodium salt / Polyacrylic acid, sodium salt / SODIUM POLYACRYLATE / Sodium poly(4+)acrylate / Sodium polyprop-2-enoate / Acrylic acid homopolymer, sodium salt / 2-Propenoic acid, homopolymer, sodium	(CAS-No.) 9003-04-7	1	Combustible Dust
Sodium nitrite	Nitrous acid, sodium salt / Nitrous acid, sodium salt (1:1) / SODIUM NITRITE	(CAS-No.) 7632-00-0	0.3	Ox. Sol. 3, H272 Acute Tox. 3 (Oral), H301 Eye Irrit. 2A, H319 Aquatic Acute 1, H400
Methylamine	Aminomethane / Methanamine / Monomethylamine / Methylamine, anhydrous / Monomethylamine ... % / Vinyl fluoride / methylamine / Methylamine / Mono-methylamine / Mono-methylamine ... %	(CAS-No.) 74-89-5	0.3	Flam. Liq. 1, H224 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 4, H413
Biocide	-	(CAS-No.) No CAS number provided	0.2	Not classified.

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid Measures After Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. If exposed or concerned: Get medical advice/attention.

First-aid Measures After Eye Contact: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: May cause cancer. Causes serious eye irritation.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides, Nitrogen oxides. Sodium oxides. Calcium oxides.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Do not breathe mist, spray, or vapors. Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Automotive paint

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Iron oxide (Fe2O3) (1309-37-1)		
USA ACGIH	ACGIH OEL TWA	5 mg/m³ (respirable particulate matter)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA NIOSH	NIOSH REL TWA	5 mg/m³ (dust and fume)
USA IDLH	IDLH	2500 mg/m³ (dust and fume)
USA OSHA	OSHA PEL TWA	10 mg/m³ (fume)
		15 mg/m³ (total dust (Rouge))
		5 mg/m³ (respirable fraction (Rouge))
Carbonic acid, calcium salt (1:1) (471-34-1)		
USA NIOSH	NIOSH REL TWA	10 mg/m³ (total dust)
		5 mg/m³ (respirable dust)
Untreated and mildly-treated oils (Not Applicable)		
USA ACGIH	ACGIH chemical category	Suspected Human Carcinogen
Methylamine (74-89-5)		
USA ACGIH	ACGIH OEL TWA	5 ppm
USA ACGIH	ACGIH OEL STEL	15 ppm
USA NIOSH	NIOSH REL TWA	12 mg/m³
USA NIOSH	NIOSH REL TWA	10 ppm
USA IDLH	IDLH	100 ppm
USA OSHA	OSHA PEL TWA	12 mg/m³
USA OSHA	OSHA PEL TWA	10 ppm

8.2. Exposure Controls

Appropriate Engineering Controls	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Personal Protective Equipment	: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.
	
Materials for Protective Clothing	: Chemically resistant materials and fabrics.
Hand Protection	: Wear protective gloves.
Eye and Face Protection	: Chemical safety goggles or safety glasses with side shields.
Skin and Body Protection	: Wear suitable protective clothing.
Respiratory Protection	: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
Other Information	: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Color	: Brownish Red
Odor	: No data available
pH	: 8 – 9.5
Melting Point	: No data available
Freezing Point	: 0 °C (32 °F)
Boiling Point	: 100 °C (212 °F)
Flash Point	: No data available
Auto-ignition Temperature	: No data available

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Decomposition Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor Pressure	: Same as H ₂ O
Relative Vapor Density at 20°C	: < 1 (air =1)
Relative Density	: No data available
Solubility	: Water: Soluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity, Kinematic	: No data available
Particle Aspect Ratio	: Not applicable
Particle Aggregation State	: Not applicable
Particle Agglomeration State	: Not applicable
Particle Specific Surface Area	: Not applicable
Particle Dustiness	: Not applicable

9.2. Other Information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions, Including those Associated with Foreseeable Emergencies

Hazardous polymerization will not occur.

10.4. Conditions to Avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products

Thermal decomposition may produce: Carbon oxides, Nitrogen oxides. Sodium oxides. Calcium oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Likely Routes of Exposure:

Acute Toxicity (Oral): Not classified.

Acute Toxicity (Dermal): Not classified.

Acute Toxicity (Inhalation): Not classified.

Water (7732-18-5)	
LD50 Oral Rat	> 90 ml/kg (Source: FOOD_JOURN)
Iron oxide (Fe2O3) (1309-37-1)	
LD50 Oral Rat	> 10000 mg/kg (Source: ECHA)
LC50 Inhalation Rat	5.05 mg/l/4h
Carbonic acid, calcium salt (1:1) (471-34-1)	
LD50 Oral Rat	6450 mg/kg (Source: NLM_CIP)
LD50 Dermal Rat	> 2000 mg/kg (Source: ECHA_API)
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
LD50 Oral Rat	> 15 g/kg (Source: EPA_HPVS)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: EPA_HPVS)
LC50 Inhalation Rat	2.18 mg/l/4h (when IP 346 is greater/equal than 3%, toxicity data applies)
Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (577-11-7)	
LD50 Oral Rat	2643 mg/kg
LD50 Dermal Rabbit	> 10000 mg/kg (Source: CHEMVIEW)
2-Propenoic acid, homopolymer, sodium salt (9003-04-7)	
LD50 Oral Rat	> 8250 mg/kg
Sodium nitrite (7632-00-0)	
LD50 Oral Rat	85 mg/kg
LC50 Inhalation Rat	5.5 mg/l/4h

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Methylamine (74-89-5)	
LD50 Oral Rat	100 mg/kg (Source: NLM_CIP)
LC50 Inhalation Rat	2.1 – 2.9 mg/l/4h
LC50 Inhalation Rat	4400 ppm

Skin Corrosion/Irritation: Not classified.

Serious Eye Damage/Irritation: Causes serious eye irritation.

pH: 8 – 8.5

Respiratory or Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: May cause cancer.

Iron oxide (Fe2O3) (1309-37-1)	
IARC group	3
Nitrites (Not applicable)	
IARC group	2A
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Untreated and mildly-treated oils (Not Applicable)	
IARC group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: May cause cancer.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Harmful to aquatic life.

Iron oxide (Fe2O3) (1309-37-1)	
LC50 Fish 1	100000 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: IUCLID)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (577-11-7)	
LC50 Fish 1	20 – 40 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: EPA)
EC50 - Crustacea [1]	36 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	< 24 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)
NOEC Chronic Crustacea	7.03 mg/l
Sodium nitrite (7632-00-0)	
LC50 Fish 1	0.19 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through] Source: EPA)
EC50 - Crustacea [1]	15.4 mg/l
LC50 Fish 2	0.54 mg/l (Species: Oncorhynchus mykiss)
NOEC Chronic Algae	100 mg/l
Methylamine (74-89-5)	
EC50 - Crustacea [1]	163 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	147 – 180 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and Degradability

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Persistence and Degradability	Not established.
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12.3. Bioaccumulative Potential

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Bioaccumulative Potential	Not established.
Carbonic acid, calcium salt (1:1) (471-34-1)	
BCF Fish 1	(no bioaccumulation)
Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (577-11-7)	
BCF Fish 1	3.47 – 3.78
Sodium nitrite (7632-00-0)	
Partition coefficient n-octanol/water (Log Pow)	-3.7 (at 25 °C)
Methylamine (74-89-5)	
BCF Fish 1	2860 – 6910
Partition coefficient n-octanol/water (Log Pow)	-0.713 (at 25 °C 8/ 77 °F) (at pH 11.1-11.4)

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Not regulated for transport

14.2. In Accordance with IMDG

Not regulated for transport

14.3. In Accordance with IATA

Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

ATAC Red Oxide Primer (Part number 50297)	
SARA Section 311/312 Hazard Classes	Health hazard - Carcinogenicity Health hazard - Serious eye damage or eye irritation
Water (7732-18-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Iron oxide (Fe ₂ O ₃) (1309-37-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Carbonic acid, calcium salt (1:1) (471-34-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Cellulose, 2-hydroxyethyl ether (9004-62-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Butanedioic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt (577-11-7)	

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Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
2-Propenoic acid, homopolymer, sodium salt (9003-04-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
Sodium nitrite (7632-00-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Subject to reporting requirements of United States SARA Section 313	
EPA TSCA Regulatory Flag	S - S - indicates a substance that is identified in a final Significant New Use Rule.
CERCLA RQ	100 lb
SARA Section 313 - Emission Reporting	1 %
Methylamine (74-89-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
CERCLA RQ	100 lb

15.2. US State Regulations

Iron oxide (Fe2O3) (1309-37-1)	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) List	
Sodium nitrite (7632-00-0)	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) List	
U.S. - Massachusetts - Right To Know List	
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List	
Methylamine (74-89-5)	
U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - Pennsylvania - RTK (Right to Know) List	
U.S. - Massachusetts - Right To Know List	
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List	

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision	: 03/10/2025
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

H224	Extremely flammable liquid and vapor
H272	May intensify fire; oxidizer
H301	Toxic if swallowed
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H350	May cause cancer.
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

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Glossary of Data Source Abbreviations

ATSDR: Agency for Toxic Substances and Disease Registry (U.S. Department of Health and Human Services)	FOOD_JOURN: Food Research Journal (1956)
AU_WES: Australia WES	IARC: The International Agency for Research on Cancer
CHEMVIEW: ChemView (U.S. Environmental Protection Agency)	IDLH: National Institute for Occupational Health and Safety Immediately Dangerous to Life or Health Value Profiles
EC_RAR: European Commission Renewal Assessment Report	IUCLID: International Uniform Chemical Information Database
EC_SCOEL: European Commission Scientific Committee on Occupational Exposure Limits	JAPAN_GHS: Japan GHS Basis for Classification Data
ECETOC: European Centre for Ecotoxicology and Toxicology of Chemicals Reports	JP_J-CHECK: Japan J-Check
ECHA_API: European Chemicals Agency API	KR_NIER: South Korea National Institute of Environmental Research Evaluations
ECHA_RAC: ECHA Committee for Risk Assessment	NICNAS: Australia National Industrial Chemicals Notification and Assessment Scheme
EFSA: European Food Safety Authority	NIOSH: National Institute for Occupational Health and Safety (U.S. Department of Health and Human Services)
EPA: U.S. Environmental Protection Agency	NLM_CIP: National Library of Medicine ChemID plus database
EPA_AEGL: Acute Exposure Guideline Levels (U.S. Environmental Protection Agency)	NLM_HSDB: National Library of Medicine Hazardous Substance Data Bank
EPA_FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act Reregistration Eligibility Decision (U.S. Environmental Protection Agency)	NLM_PUBMED: National Library of Medicine PubMed database
EPA_HPV: High Production Volume Chemicals (U.S. Environmental Protection Agency)	NTP: National Toxicology Program
EPA_TRED: Risk Assessment for Tolerance Reassessment Eligibility Decision (U.S. Environmental Protection Agency)	NZ_CCID: New Zealand Chemical Classification and Information Database
EU_CLH: European Union Harmonised Classification and Labelling Proposal	OECD_EHSP: Environment, Health, and Safety Publication (Organisation for Economic Co-operation and Development)
EU_RAR: European Union Risk Assessment Report	OECD_SIDS: Screening Information Data Sets (Organisation for Economic Co-operation and Development)
	WHO: World Health Organization

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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