

Safety Data Sheet



HAMISONIC X-290

Effective Date: 12/21/2017
Revision Level: 4
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1) PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hamisonic X-290
Chemical Description: Ultrasonic Couplant

IDENTIFICATION OF SUPPLIER/MANUFACTURER: Harry Miller Corp
ADDRESS: 4309 North Lawrence St
Philadelphia PA, 19140

CONTACT PHONE: 215-324-4000
FAX PHONE: 215-324-1258
EMAIL: hamico@harrymillercorp.com

24 HOUR EMERGENCY: 1-800-255-3924 (ChemTel, Inc.) – North America
+1-813-248-0585 (ChemTel, Inc.) – International

2) HAZARDS IDENTIFICATION

CLASSIFICATION (EC 1272/2008)
Physical and Chemical Hazards: None
Human health: none
Environment: none

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008

SIGNAL WORD N/A

CONTAINS Sodium Nitrite

HAZARD STATEMENTS
N/A

PRECAUTIONARY STATEMENTS
P302 IF ON SKIN: Rinse with water
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes

HUMAN HEALTH

HMIS-Ratings (scale 0-4): Health = 0, Fire = 0, Physical Hazard = 0
NFPA-Ratings (scale 0-4): Health = 0, Fire = 0, Reactivity = 0

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2) COMPOSITION/INFORMATION ON INGREDIENTS

Triethanolamine	0.5-1%
CAS-No.: 102-71-6 EC No.: 203-049-8	
Classification (EC 1272/2008) Eye Irritant 2A-H319	
Sodium Nitrite	<0.5%
CAS-No.: 7632-00-0 EC No.: 231-555-9	
Classification (EC 1272/2008) Eye Irrit 2A-H319; Acute Tox 3-H301; Ox Sol 2-H272; Aquatic Acute 1-H400	

The Full Text for all Hazard Statements is displayed in Section 16

4) FIRST AID MEASURES

Inhalation:	Move victim from exposure to fresh air. Immediately seek medical attention.
Skin Contact:	Remove contaminated clothing. Wash skin thoroughly with soap and water.
Eye Contact:	Flush eyes at least 15 minutes with clean water while lifting eyelids. If irritation persists, seek medical attention.
Ingestion:	Rinse mouth. Get medical attention if symptoms occur

5) FIRE FIGHTING MEASURES

Flash Point (COC):	N/A (water based)
Auto Ignition Temp:	unknown
LEL:	unknown
UEL:	unknown

Extinguisher Media: Not required
Special Fire Fighting Procedures: Not required
Unusual Fire/Explosion Hazards: none

6) ACCIDENTAL RELEASE MEASURES

Personal precautions - Wear protective clothing as described in Section 8 below.

Environmental Precautions - Do not allow ANY environmental contamination.

Spill Clean Up Methods – Remove all source of ignition. Use ventilation to promote drying. Stop leak if possible without risk. Absorb with sand, clay or other suitable material and shovel into an appropriate container. Dike large spills to avoid accidental discharge into water systems.

7) HANDLING AND STORAGE

Handling Precautions:	Observe good personal hygiene. Wash thoroughly after using all chemicals. Keep out of reach of children.
Storage Requirements:	Store in original containers. Keep container closed. Full or empty drums should be stored in a cool, dry, well-ventilated area.

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8) EXPOSURE CONTROLS/PERSONAL PROTECTION

PROCESS CONDITIONS Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation or mechanical exhaust. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors. Store

RESPIRATORY EQUIPMENT

If exposure exceeds TLV, wear NIOSH approved respirators

HAND PROTECTION

Wear protective gloves either rubber or neoprene.

EYE PROTECTION

Wear splash-proof safety goggles if material could be misted or splashed into eyes.

OTHER PROTECTION

Wear protective clothing.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9) PHYSICAL AND CHEMICAL PROPERTIES

Color	Straw liquid
Specific Gravity	1.01 @ 77°F (25°C)
Density (lbs/gal)	8.41 @ 77°F (25°C)
Solubility in Water	Complete

10) STABILITY AND REACTIVITY

Stability:	Stable under normal temperature conditions
Conditions to Avoid:	Avoid temperatures exceeding the flash point. Contact with incompatible materials
Materials to Avoid:	Strong acid will generate nitrogen oxide fumes
Hazardous Decomposition	oxides of carbon & nitrogen

11) TOXICOLOGICAL INFORMATION

INGESTION

Acute Toxicity Estimate: LD50 (rat) : >2000 mg/kg

INHALATION

Long term exposure to vapors may pose danger to potential human carcinogenic effect from N-Nitrosodiethanolamine

SKIN CONTACT

Prolonged skin contact may cause mild irritation

EYE CONTACT

Direct contact with eyes may cause temporary irritation

12) ECOLOGICAL INFORMATION

ECOTOXICITY

This product is not classified as environmentally hazardous

BIOACCUMULATION

No data available.

DEGRADABILITY

No data available.

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ACUTE FISH TOXICITY
No data available.

13) DISPOSAL CONSIDERATIONS

Dispose of concentrated product in accordance with local regulations by incineration at an approved waste disposal facility or to approved landfill. Do not allow undiluted product to reach ground water, water course or sewage system

14) TRANSPORT INFORMATION

DOT
Not Regulated- See Bill of Lading for Details

15) REGULATORY INFORMATION

U.S. Federal Regulations
TSCA (Toxic Substances Control Act) – All components registered on existing inventory
CERCLA (Comprehensive Response Compensation, and Liability Act)- N/A
SARA Title III (Superfund Amendments and Reauthorization Act)- this material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program
313 Reportable Ingredients: None

16) OTHER INFORMATION

Only trained personnel should use this material.

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END OF SDS DOCUMENT