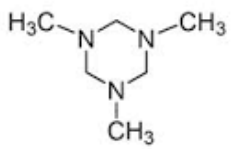
Section 1-IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY		
1.1 Product identifier:		
	Product name	Vastreat 40M
	Substance name	1,3,5 -TRIMETHYL -1,3,5 -HEXAHYDROTRIAZINE
	EC number	203-612-8
	CAS number	108-74-7
	Chemical Formula	C6H15N3
	Structural Formula	

1.2 Relevant identified uses of the substances or mixture and used advised against :		
	Recommended use	H2S/Organic sulfur scavenger
	Recommended Restriction	-

1.3 Details of supplier of the safety data sheet		
	Manufacturer details	Vasudev Chemo Pharma H-3062, Near Gada Circle, GIDC Ankleshwer- 393002 Gujarat, India Phone: +91 98898837713

1.4 Emergency Telephone		
	Emergency telephone & contact	Phone: +91 8866495685

Section 2 -HAZARDS IDENTIFICATION		
2.1 Classification of substance or mixture according to Regulation (EC) No 1272/2008 {CLP):		
	Human health hazard categories and codes	Eye Irritant H314, H317 ,H373
		Skin Sensitizer

Section 2 -HAZARDS IDENTIFICATION		
2.2 Labeling according to Regulation (EC) No 1272/2008 {CLP)		
	Hazard Pictogram :	Danger
	Hazard Statements :	H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H373:May cause damage to organs through prolonged or repeated exposure
	Precautionary Statements	-

Section 3 : COMPOSITION/INFORMATION ON INGREDIENTS				
Constituent	CAS No.	EC No.	Concentration range (confidential)	Remarks
1,3,5 -TRIMETHYL -1,3,5 -HEXAHYDROTRIAZINE	108-74-7	-	35.0-45.0 %	None
WATER	7732-18-5	-	Balance	None

Section 4 - FIRST AID MEASURES		
4.1 Description of First Aid measures		
	General measures :	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.
	Eye contact:	Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.
	Skin Contact:	Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.

	Inhalation	Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that dust are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. 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.
	Ingestion	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Chemical burns must be treated promptly by a physician. 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.

4.2 Most important symptoms and effects, both acute and delayed :	
	In all cases of doubt, or when symptoms persist, seek medical advice.
4.3 Indication of any immediate medical attention and special treatment needed	
	Advice to physician: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

Section 5 : FIRE-FIGHTING MEASURES	
5.1 : Extinguishing media	
	Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding file. Unsuitable extinguishing media: None known.

5.2 : Special hazards arising from the substance or mixture	
	In a fire or if heated, a pressure increase will occur and the container may burst. 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
5.3 Advice 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. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents

Section 6 : ACCIDENTAL RELEASE MEASURES	
6.1 : Personal precautions, protective equipment and emergency procedures	
Advice for non-emergency personnel:	Avoid contact with eyes and skin by use of protective equipment. Do not eat, drink, and smoke at working place. Always wash hands after handling. Wash contaminated clothing before re-using. Take care of proper disposal product.
Advice for emergency responders:	Wear personal protective equipment (as mention in section 8.2.2). Ventilate the area. Evacuate personnel to safe areas.

6.2 : Environmental precautions
Avoid dispersal of spilt 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)

6.3 : Methods and material for containment and cleaning
Stop leak if without risk. Move containers from spill area. Approach the 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.
Dispose of via a licensed waste disposal contractor.
Contaminated absorbent material may pose the same hazard as the spilt product.

Section 7 : HANDLING AND STORAGE	
7.1 : Precautions for safe handling :	
Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Put on appropriate personal protective equipment (see Section 8). Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. 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 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.
Advice on protection against fire and explosion :	Normal measures for preventive fire protection.

7.2 : Conditions for safe storage
Store in accordance with local regulations. Store in original container protected frommaterials (see section 10) and food and drink. Store locked up. 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.
Packaging materials Recommended: Use original container.

7.3 : Specific end use(s)
As mention in section 1.2.

Section 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION		
8.1 : Control parameters		
	Exposure limits values:	Not available

8.2 : Exposure control :		
8.2.1 : Appropriate engineering controls :		
	Occupational Exposure controls:	I If user enclosures, operations local exhaust generate dust, ventilation fumes, or other gas, vapour engineering or mist, controls use to process keep worker exposure to airborne contaminants below any recommended or statutory limits.
8.2.2 Individual protection measures :		
	Respiratory Protection :	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
	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.
	Eye protection :	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.
	Skin 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.

Hygiene measures :	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.

8.2.3 Environmental exposure controls :

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9 - PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties :

Appearance	Colorless to pale yellow liquid
Odour	Characteristics
Odour threshold	Not available
pH (10 % aqu. soln)	9 to 11
Melting point/Freezing point	< -50 °C
Initial boiling point& boiling range	149°C (300.2° F)
Flash point :	Closed cup: 88°C (190.4°F)
Evaporation rate :	Not available
Flammability :	-
Upper/lower flammability or explosive limits :	Not available
Vapour pressure :	Not available
Vapour density	Not available
Specific gravity at 25°C	1.00 +/- 0.05
Solubility(ies) :	Soluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	190°C(37 4 ° F)
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

9.2 Other information : None

Section 10 • STABILITY AND REACTIVITY	
Reactivity	No corrosive effect on metal. Not fire-propagating (other)
Chemical stability	The product is chemically stable
Possibility of hazardous reactions	No hazardous reactions when stored and handled according to instructions. If product is heated above decomposition temperature toxic vapor's may be released. The product tends to decompose under the impact of acids in the presence of moisture or water.
Conditions to avoid	Avoid heat. Avoid dust formation. Avoid evaporation/volatilization of the solvent.
Hazardous decomposition products	Hazardous decomposition products: Formaldehyde, 2-aminoethanol, The substances/substance groups mentioned are formed by hydrolysis., Traces of the substances/groups of substances are released as decomposition products of the dry substance., Traces of the substances/groups of substances mentioned can be released at elevated temperatures., The substances/groups of substances mentioned may be released upon the reaction with acids.
Incompatible materials	Acids

Section 11- TOXICOLOGICAL INFORMATION
11.1 Information on toxicological effects : **Oral:** LD50(Rat): 500 mg/kg **Inhalation:** Data not available for any significant effect **Dermal:** Data not available for any significant effect

11.2 Irritation /corrosion :
Eye: Corrosive
Skin: Corrosive

11.3 Sensitization : Open epicutaneous test (OET) -Species: guinea pig - Result: sensitizing
Skin: Sensitization after skin contact possible

11.4 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):		
	Carcinogenicity:	Not classified as carcinogen.
	Mutagenic effects	Not classified as Mutagen.

	Reprotoxic effects:	Not classified as Reprotoxic.

11.5 Other toxic effects on humans :		
	Inhalation:	May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
	Eyes:	Causes eye irritation. May cause eye damage
	Ingestion:	Not classified as carcinogen.
	Chronic toxicity	Prolonged inhalation may be harmful

11.6 : Specific target organ toxicity		
	Single exposure:	May cause drowsiness and dizziness.
	Repeated exposure:	Not classified.

11.7: Aspiration hazard: No aspiration hazard expected.

Section 12 : ECOLOGICAL INFORMATION				
12.1 : Eco toxicity				
	Toxicity	Short term toxicity to fish	Short-term toxicity to aquatic invertebrates	Toxicity to microorganisms/Algae
	Species	-	Daphnia magna	-
	Duration	-	48 hrs.	-
	Effect level	-	LC50 - 48 mg/l	-

12.2 Persistence and degradability	
	Information not available

12.3 Bio accumulative potential :	
	No significant accumulation.

12.4 Mobility in soil	
	Information not available.

12.5 Results of PBT and vPvB assessment	
	Information not available.

12.6 Other adverse effects :	
	None known.

Section 13 -DISPOSAL CONSIDERATIONS		
	Disposal of product :	The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
	Disposal of packaging :	Drain container thoroughly. Empty RCRA container disposal at a permitted facility.

Section 14-TRANSPORT INFORMATION		
Classified as dangerous in the meaning of transport regulations due to its composition.		
Land transport (ADR/RID)		
	UN Number:	2735
	Transport hazard class:	8
	Classification code:	0
	Packing group:	III
	Labels	8
Inland waterway transport (ADN(R))		
	UN Number:	2735
	Transport hazard class	8
	Classification code:	C7
	Packing group:	III
	Labels:	8
Marine transport (IMDG)		
	UN Number:	2735
	Proper shipping name and description	AMIN ES, LIQUID, CORROSIVE, N.O.S. (1,3,5 -TRIMETHYL-1,3,5 -HEXAHYDROTRIAZINE SOLN.)
	Packing group	III
	Transport hazard class:	8
	Chemical name: Transport hazard class: Packing group:	1,3,5 -TRIMETHYL -1,3,5 -HEXAHYDROTRIAZINE
	EmS number:	F-A ,S-8
	Labels:	8
	Marine pollutant:	No

Air transport ICAO/IATA	
UN Number:	2735
Proper shipping name and description:	AMIN ES, LIQUID, CORROSIVE, N.O.S. (1,3,5 -TRIMETHYL-1,3,5 -HEXAHYDROTRIAZINE SOLN.)
Chemical name:	1,3,5 -TRIMETHYL -1,3,5 -HEXAHYDROTRIAZINE
Transport hazard class:	8
Packing group:	III
Labels:	8

Section 15 • REGULATORY INFORMATION

15.1 Other Regulatory information

This safety datasheet complies with the requirements of Regulation (EU) No. 453/2010.

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

Inventory Status

Listed in:

HMIS (Hazardous Materials

Identification System) classification	
	Health 3
	Fire 1
	Physical Hazards 0
	Personal Protection D
	3 = Major injury likely unless prompt action is taken and medical treatment is given.
	1 = Material that must be preheated before iginition will ocour
	0 = Materials that are normally stable, under fire conditions and will not react to water, polymerize, decom ose, condense or self-react.
	D = 
NFPA (National Fire Protection Association) classification:	3 = Short exposure could cause serious , temporary or residual injury
	1 = Material will that burn when heated under typical fire conditions
	0 = Normally Stable

15.2 Chemical Safety Assessment:
A chemical safety assessment has been carried out for the substance or the mixture by the supplier (LR) - No

Section 16-OTHER INFORMATION
16.1 Technical Advice:
Use data given in this Safety Data Sheet and make an inventory list of all chemicals used in the factory;
Create a Register for Workplace Chemicals;
Set priorities concerning the safety in the organization;
Create emergency plans for the assessed hazards;
Organize occupational health care and regular surveys as necessary;
Organize contacts with authorities/laboratories to create a monitoring system for chemical hazards, and to reliably measure and/or estimate occupational exposures to chemicals when needed;
Start collecting case studies of accidents and sickness records in the enterprise to create a basis for priority measures in the control of hazards;
Involve workers in safety organizations, such as the system of Safety Representatives and
Do regular inspection using checklists made for the particular chemicals and chemical processes in use;
Mark and label all chemicals;
Keep at hand an inventory list of all chemicals handled in the place of work together with a collection of Chemical Safety Data Sheets for these chemicals;
Train workers to read and understand the Chemical Safety Information, including the health hazards and routes of exposure; train them to handle dangerous chemicals and processes with respect;
Plan, develop and choose the safe working procedures;
Reduce the number of people coming into contact with dangerous chemicals;
Reduce the length of time and/or frequency of exposure of workers to dangerous chemicals;
Train workers to know and understand the emergency procedures;
Equip and train workers to use personal protective equipment properly after everything possible has been done to eliminate hazards by means of other methods;

16.2 List of relevant R phrases:
The information above 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. In no event shall Vasudev Chemo Pharma affiliates be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damage.