

SAFETY DATA SHEET

1. Product and Company IDENTIFICATION

N,N"-Diallyltartardiamide R -phrase(s) none Label Elements Signal Word None Hazard Statements Other Hazards No information available.

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2. HAZARDS IDENTIFICATION

For the full text of the R phrases mentioned in this Section, see Section 16

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component EC No. Weight % CAS-No Classification GHSCLAS REACH Reg. No. N,N'-Diallyltartramide 28843-34-7 EEC No. 249- 267-7 100 28843-34-7

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4. FIRST AID MEASURES

Description of first aid measures Eye Contact

Skin Contact

Ingestion Inhalation Notes to Physician Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes

Clean mouth with water and afterwards drink plenty of water Move to fresh air Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Extinguishing media which must not be used for safety reasons

No information available.

Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors **Advice for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation

Environmental precautions

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6. ACCIDENTAL RELEASE MEASURES

Prevent further leakage or spillage if safe to do so Methods and material for containment and cleaning up Precautions for Safe Handling Ensure adequate ventilation Conditions for safe storage, including any incompatibilities Keep container tightly closed in a dry and well-ventilated place

7. HANDLING AND STORAGE

Specific End Uses

Control parameters Exposure limits Derived No Effect Level (DNEL) Predicted No Effect Concentration (PNEC) Exposure controls Engineering Measures Personal protective equipment Eye Protection Hand Protection Skin and body protection Respiratory Protection Hygiene Measures Environmental exposure controls Physical State Appearance Boiling Point/Range Melting Point/Range Flash Point This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. No information available. No information available. Ensure adequate ventilation, especially in confined areas Safety glasses with side-shields Protective gloves Long sleeved clothing When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Handle in accordance with No information available. good industrial hygiene and safety practice Solid White No information available. No information available. No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

10. STABILITY AND REACTIVITY

Reactivity **Chemical Stability** Stable under normal conditions Possibility of Hazardous Reactions Hazardous Polymerization Hazardous Reactions . **Conditions to Avoid** Heat, flames and sparks Incompatible Materials Hazardous Decomposition Products None under normal use Information on Toxicological Effects **Acute Toxicity Component Information Chronic Toxicity** Carcinogenicity Sensitization Mutagenic Effects Reproductive Effects Developmental Effects Target Organs Endocrine **Disruptor Information Toxicity Ecotoxicity effects** Persistence and degradability No information available No information available. There are no known carcinogenic chemicals in this product No information available. No information available No information available. No information available. None known Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

No information available Bioaccumulative potential No information available. Mobility in soil No information available. Results of PBT and vPvB assessment Other adverse effects No information available Waste treatment methods Waste from Residues / Unused Dispose of in accordance with local regulations Products Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal IMDG/IMO Not regulated ADR Not regulated

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13. DISPOSAL CONSIDERATIONS

Waste treatment methods Waste from Residues / Unused Products Dispose of in accordance with local regulations

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

IMDG/IMO Not regulated

ADR Not regulated

IATA Not regulated

15. REGULATORY INFORMATION

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

International Inventories Component EINECS ELINCS NLP TSCA DSL NDSL PICCS ENCS CHINA AICS KECL N,N'-Diallyltartramide 249-267-7 ------

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory EINECS/ELINCS - European Inventory Lists DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List PICCS - Philippines Inventory of Chemicals and Chemical Substances ENCS - Japan Existing and New Chemical Substances CHINA - China Inventory of Existing Chemical Substances AICS - Inventory of Chemical Substances KECL - Existing and Evaluated Chemical Substances

Chemical Safety Assessment

16. OTHER INFORMATION

Text of R phrases mentioned in Section 2-3 No information available.

Revision Date 15-Nov-2011 Revision Summary Not applicable This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 Disclaimer The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the

specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text End of Safety Data Sheet