



Prepared according to 29CFR 1910.1200.

1	Chemical Product and Company Identification
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Dekker Vacuum Technologies, Inc.
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Product Trade Name	DURATEX SYN 32 - (QT) 5210-0002-005, (GAL) 5210-0010-005
CAS Number	Not applicable for mixtures.
Synonyms	None.
Generic Chemical Name	Mixture.
Product Type	Multipurpose.

2	Hazards Identification
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Hazard Classification Health**Hazards**

Specific Target Organ Toxicity - Category 2 Repeated Exposure

Unknown toxicity

Acute toxicity, oral	0.0 %
Acute toxicity, dermal	0.0 %
Acute toxicity, inhalation, vapor	98.9 %
Acute toxicity, inhalation, dust or mist	98.9%

Label Elements:**Hazard Symbol:****Signal Word:**

Warning

Hazard Statement:

May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement:**Prevention:**

Do not breathe dust or mists.

Response:

Get medical advice/attention if you feel unwell.

Disposal:

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in GHS classification:

None identified.

3	Composition/Information on Ingredients
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Hazardous Ingredients

Alkarylamine 1-5% by weight.

4	First Aid Measures
General information:	Get medical advice/attention if you feel unwell.
Ingestion:	Treat symptomatically. Get medical attention.
Inhalation:	Remove exposed person to fresh air if adverse effects are observed.
Skin Contact:	Wash with soap and water. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.
Eye contact:	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.
Most important symptoms/effects, acute and delayed	
Symptoms:	See section 11.
Indication of immediate medical attention and special treatment needed	
Treatment:	Treat symptomatically.
5	Fire Fighting Measures
General Fire Hazards:	No unusual fire or explosion hazards noted.
Suitable (and unsuitable) extinguishing media	
Suitable extinguishing media:	CO2, dry chemical, foam, water spray, water fog.
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical:	A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water. See section 10 for additional information. Water or foam may cause frothing. Avoid solid streams of water. Use water spray.
Special protective equipment and precautions for firefighters	
Special fire fighting procedures:	No data available
Special protective equipment for fire fighters:	Recommend wearing self-contained breathing apparatus.
6	Accidental Release Measures
Personal precautions, protective equipment and emergency procedures:	Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas.
Methods and material for containment and cleaning up:	Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.
Environmental Precautions:	Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.
7	Handling and Storage
Precautions for safe handling:	Do not breathe dust/fume/gas/mist/vapors/spray. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment.
Maximum Handling Temperature:	Not determined.
Conditions for safe storage, including any incompatibilities:	Store away from incompatible materials. See section 10 for incompatible materials.
Maximum Storage Temperature:	Not determined

8	Exposure Control/Personal Protection
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Control Parameters:**Occupational Exposure Limits**

None of the components have assigned exposure limits.

Appropriate engineering controls: Adequate ventilation should be provided so that exposure limits are not exceeded.

Individual protection measures, such as personal protective equipment

General information: Use personal protective equipment as required.

Eye/face protection: If contact is likely, safety glasses with side shields are recommended.

Skin Protection

Hand Protection: Neoprene. Polyvinyl alcohol. Note: polyvinyl alcohol gloves are water soluble and should not be used when there is potential for water contact. Suitable gloves can be recommended by the glove supplier.

Other: Long sleeve shirt is recommended.

Respiratory Protection: Use respirator if irritation is experienced or if the recommended exposure limit is exceeded. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

9	Physical and Chemical Properties
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Appearance

Physical state:	liquid
Form:	liquid
Color:	Colorless to yellow
Odor:	Mild
Odor threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	> 469.9 °F (243.3 °C) (Cleveland Open Cup)
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	0.825 68 °F (20 °C)
Solubility(ies)	
Solubility in water:	Insoluble in water
Solubility (other):	No data available.

Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	30.7 mm ² /s (104 °F (40 °C)) 6 mm ² /s (100 °C (212 °F))
Other information	
Bulk density:	6.886 lb/gal 77 °F (25 °C)

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

10	Stability and Reactivity
Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of Hazardous Reactions:	Will not occur.
Conditions to Avoid:	Do not expose to excessive heat, ignition sources, or oxidizing materials.
Incompatible Materials:	Peroxides. Nitrates. Strong oxidizing agents. Chlorates
Hazardous Decomposition Products:	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

11	Toxicological Information
Information on likely routes of exposure	
Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.
Information on toxicological effects Acute toxicity	
Oral Product:	Not classified for acute toxicity based on available data.
Dermal Product:	Not classified for acute toxicity based on available data.
Inhalation Product:	Not classified for acute toxicity based on available data.
Skin Corrosion/Irritation: Product:	Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin. Remarks: Not classified as a primary skin irritant.
Serious Eye Damage/Eye Irritation: Product:	Remarks: Not classified as a primary eye irritant.
Respiratory sensitization:	No data available
Skin sensitization: Alkarylamine	Classification: Not a skin sensitizer. (Literature) Not a skin sensitizer.
Specific Target Organ Toxicity - Single Exposure: Alkarylamine	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.
Aspiration Hazard:	No data available
Chronic Effects	
Carcinogenicity:	No data available

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans: No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens: No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): No carcinogenic components identified

Germ Cell Mutagenicity:

Alkarylamine The Ames Salmonella test for mutagenicity was negative for this product.

Reproductive toxicity:

Carboxylic ester Not Classified based on available data.

Specific Target Organ Toxicity - Repeated Exposure:

Alkarylamine Repeated overexposure may result in liver and kidney damage.
Oral: Target Organ(s): Liver, Kidney

12	Ecological Information
Ecotoxicity	
Fish	
Alkarylamine	LC 50 (Zebra Fish, 4 d): > 100 mg/l
Aquatic Invertebrates	
Alkarylamine	EC 50 (Water flea (Daphnia magna), 2 d): 51 mg/l
Toxicity to Aquatic Plants	
Alkarylamine	EC 50 (Green algae (Scenedesmus quadricauda), 3 d): > 100 mg/l
Toxicity to soil dwelling organisms	No data available
Sediment Toxicity	No data available
Toxicity to Terrestrial Plants	No data available
Toxicity to Above-Ground Organisms	No data available
Toxicity to microorganisms	
Alkarylamine	EC 50 (Sludge, 0.1 d): > 100 mg/l
Persistence and Degradability	
Biodegradation	
Alkarylamine	OECD TG 301 B, 1 %, 28 d, Not readily degradable.
Bioaccumulative Potential	
Bioconcentration Factor (BCF)	
	No data available
Partition Coefficient n-octanol / water (log Kow)	
	No data available
Mobility:	No data available
Other Adverse Effects:	No data available.
13	Disposal Considerations
Disposal instructions:	Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product.
Contaminated Packaging:	Container packaging may exhibit hazards.
14	Transport Information
DOT	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	None known.

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials at elevated temperatures.

