



Section 1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name: PAS-5179

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use(s): Adhesives

Details of the supplier of the safety data sheet

Manufacturer: Adfast
2685 Diab
Saint-Laurent Quebec H4S
1E7 Canada

Email: servicemtl@adfastcorp.com

Url: <http://www.adfastcorp.com>

Emergency telephone number

Emergency Contact: Emergency Spills (CANUTEC): (613)996-6666
Emergency Spills (CHEMTREC): (800)424-9300

Section 2. Hazards identification

Classification of the substance or mixture

GHS Classification for mixture:

Hazardous to the aquatic environment, long-term (Chronic) - Category 3
Skin sensitization - Category 1

Label elements

Pictograms:



Signal Words:

Warning

Hazard Statements:

May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

Precautionary Statements:

Prevention

Avoid breathing mist, spray, vapors.
Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.
Wear protective gloves.

Response

If eye irritation persists: Get medical attention / advice.
If skin irritation or rash occurs: Get medical attention / advice.
IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing. And wash it before reuse.

Disposal

Dispose of contents Dispose of contents to an approved waste disposal plant.

Other hazards

Section 3. Composition/information on ingredients

Substances

Identifiers	Ingredients	Percentage	Classification
136210-32-7	Aspartic ester	54% to 90%	
168253-59-6	Aspartic acid	10%	

Section 4. First-Aid Measures

Description of First Aid Measures

In the event of splashes or contact with eyes

Wash eyes with plenty of water. Remove the contact lenses if worn and easy to do that. Hold eyelids open to ensure adequate flushing. Continue rinsing. Seek medical attention if irritation, redness, or any other symptom develops.

In the event of splashes or contact with skin

Take off all contaminated clothing and wash it before reuse. Wash contaminated areas thoroughly with water. If redness or other symptoms occur, seek medical advice / attention. If you feel unwell, call a poison center, doctor, or medical service.

In the event of ingestion

Product has no known ingestion hazards. Rinse the mouth with water. If after ingestion you feel unwell, seek medical advice.

In the event of inhalation

Product has no known inhalation hazards. Seek medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed

General advice: Never give anything by mouth to an unconscious person. Only induce vomiting at the instruction of a physician. Provide this SDS to medical personnel for treatment.

If exposed or concerned, get medical advice / attention. Remove from exposure.

Section 5. Firefighting Measures

Extinguishing media

Suitable Extinguishing Media

Alcohol-resistant foam. Carbon dioxide. Powder ABC. Water spray.

Unsuitable Extinguishing Media

Straight streams of water.

Special hazards arising from the substance or mixture

Specific Hazards Arising from Combustion of Products

Fire / decomposition hazards: Gas, vapors, or dust may trigger allergic skin reactions.

Combustion Products

Carbon dioxide (CO₂). Carbon monoxide (CO).

Advice for firefighters

Protective Measures for Fire-Fighting

Wear self-contained breathing apparatus. Wear full protective clothing.

Special Protective Actions for Fire-Fighters

Avoid being exposed to gas / mist / dust / fume / vapor / spray / particles. Avoid breathing gas / mist / dust / fume / vapor / spray / particles. Evacuate the people from the area.

Other Information for Fire Fighters

Not specified.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Ventilate area of spill.

Environmental precautions

Dispose the material in accordance with the government regulation. Do not discharge into drains or any body of water (rivers, streams, ponds, lakes, etc). If the product has entered a water course or sewer or contaminated soil or vegetation, advise the local emergency services and environmental authorities. Notify the competent local authorities of any large scale spill. Prevent contamination of soil and surface water. Prevent entry into basements or confined areas. Dike area to prevent runoff and contamination of water sources.

Methods and material for containment and cleaning up

Collect and transfer to a closable container without splash or generating dust / mist for disposal by an appropriate method. Ensure cleanup is conducted by trained personnel only. Move containers from spill area if there is no risk. Stop leak if safe to do so. Turn leaking containers leak-side up to prevent the escape of liquid. Absorb with earth, sand, or other non-combustible material.

Reference to other sections

Section 7. Handling and Storage

Precautions for safe handling

Do not eat, drink or smoke during handling. Handle in accordance with good industrial hygiene and safety practice. Handle in accordance with all current regulations and standards. Wash any exposed area of body thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Conditions for Safe Storage

Respect the occupational health and safety standards. Store in a cool, well ventilated area.

Suitable Packaging

No particular packaging specified.

Incompatible Materials

Not specified.

Specific end use(s)

Section 8. Exposure Controls / Personal Protection

Control parameters

Control Parameters / Limits for Product

Not established for the product or its ingredients.

Exposure controls

Environmental exposure controls

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Colorless
Odor	Slight
Odor threshold	Not available
pH	Not available
Melting point	Not available
Boiling point	115°C / 239°F
Flash Point	108°C / 226.4°F
Evaporation rate w/r/t ether	Not available
Evaporation rate w/r/t butyl acetate	Not available
Flammability	Not available
Flammability limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density w/r/t water	Not available
Relative density w/r/t air	Not available
Solubility	Insoluble
Solubility in other solvents	Not available
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Freezing point	Not available

Other Information

Section 10. Chemical Stability & Reactivity Information

Reactivity

Reactivity: The product is known to be non-reactive in ambient conditions.

Chemical Stability

This product is stable under ambient condition.

Possibility of Hazardous Reactions

Hazardous polymerization will not occur under normal conditions.

Conditions to Avoid

There are no specific conditions known which have to be avoided.

Incompatible Materials

Acids. Active metals. Isocyanates.

Hazardous Decomposition Products

No decomposition hazardous products are specified.

Section 11. Toxicological Information

Information on toxicological effects

Toxicological Information for Product

No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, OSHA, or the NTP.

Toxicological Information for Component

Aspartic ester

LD 50 (Oral) > 2000 mg/kg, Rat.

LC 50 (Inhalation) > 4224 mg/l(4h).

Aspartic acid

LD 50 (Oral) > 2000 mg/kg.

LC 50 (Inhalation) > 4923 mg/l(48h).

Section 12. Ecological Information

Toxicity

Ecotoxicity Values for Component

Aspartic acid

LD 50: > 2000 mg/kg.

LC 50 Acute: > 4923 mg/l(48h).

Aspartic ester

LC 50 Fish: 100 mg/l(96h), Zebra Fish.

LC 50 Daphnia: 100 mg/l(96h), Water flea.

Section 13. Disposal Considerations

Waste treatment methods

Waste Disposal Regulation(s) / Operation

Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of national pollutant discharge elimination systems.

Section 14. Transportation Information

	ADR	IMDG	IATA	DOT
UN number				
UN proper shipping name				
Transport hazard class(es)				
Packing group				
Environmental hazards				
Special precautions for user				
Transport in bulk according to Annex II of Marpol and the IBC Code				
Other	This product is not regulated for transport			

Section 15. Regulatory Information

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

Safety, Health and Environmental Regulations for Product

Neither this product nor its components are subject to regulations in the US and Europe.

Chemical safety assessment

Section 16. Other Information

Other Information

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product