

AKRELON[®] INNOVATE. EXCEL. DELIVER VALUE 	SAFETY DATA SHEET	Version: 1.01.SS/GS/SS
		Date of Issue: 01/05/2024
	AKRELON IM 405	Revision Date:
		Charge List:

Section 1: Identification

1.1 Product Identifier

Trade Name : **AKRELON IM 405**
 Chemical Name : Impact Modifier of PVC products

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

Use of Substance/Mixture : PVC Additives

1.3 Details of the supplier of the safety data sheet

Company : HARYANA LEATHER CHEMICALS LIMITED
 AKRELON PVC ADDITIVES
 72-77, INDUSTRIAL ESTATE, HANSI ROAD, JIND - 126102 HARYANA, INDIA
 Telephone : +91 1681 - 225662
 E-mail : connect@akrelon.com

1.4 Emergency Telephone Number

Emergency Tele Number : +91 1681 – 225662

Section 2: Identification of Hazards

2.1 Classification of the Substance / Mixture / Polymer

Product definition : Mixture
 Classification according to Regulation (EC) No. 1271 / 2008
 May cause skin Allergy, H317
 Harmful if swallowed, H305
 Classification according to Directive 67 / 548 / EEC Regulation (EC) No. 1271 / 2008
 Irritating to skin, R38
 Harmful if swallowed, R22

2.2 Label elements

Hazard pictograms :



Signal word : Warning
 Hazard statements : May cause an allergic skin reaction
 : May be harmful if swallowed and enters airways
 Precautionary Statements : IF ON SKIN: Wash with plenty of water
 : IF SWALLOWED: Get medical advice / attention
 Prevention : Use only in well-ventilated area, Avoid breathing dust. Wear protective gloves. Wear face or eye protection.
 Response : IF exposed or concerned: Get medical attention. If in EYES: Wash with plenty of water and consult a doctor.
 Supplemental label : Keep container tightly closed. Keep away from heat, sparks, open elements flames & hot surfaces. No smoking. Prevent dust accumulation.
 Storage : Store in original container protected from direct sunlight in a dry, cool & well-ventilated area, keep away from incompatible. Store locked up.

Section 3: Composition / information on ingredients

Substance/Mixture/Polymer : Mixture
 Chemical Name : Acrylic Co-polymer
 Hazardous components :

Name of Ingredient	%	CAS Number
Acrylic polymer(s)	99-100	9065-11-6
Individual Residual Monomers	< 0.1	

Any concentration shown as a range is to protect confidentiality or due to batch variation.

There are no additional ingredients present which, within the current knowledge of supplier and in the concentration applicable, are classified as hazardous to health and hence require reporting in this section. Occupational exposure limits if available, are listed in section 8.

Section 4: First aid measures

4.1 Description of first aid measures

- If inhaled : Move to fresh air. If you feel unwell, seek medical advice (show label if possible)
- In case of eye contact : Continue to rinse for at least 10 minutes. No known significant effects or critical hazards.
- In case of skin contact : Take off all contaminated clothing immediately. Wash off with soap and plenty of water
- If swallowed : Rinse mouth. If symptoms persist, call a physician.
- If case of ingestion : Get medical attention immediately. Call a poison center or physician.

4.2 Most important symptoms and effects, both acute & delayed

- Symptoms : No information available

4.3 Indication of any immediate medical attention & special treatment needed

- Treatment : Symptomatic treatment

Section 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO₂), Foam, Dry powder
- Unsuitable media : Not known

5.2 Special hazards arising from the substance / mixture

- Hazards during firefighting : Exposure to decomposition of products may be a hazard to health

5.3 Advice for firefighters

- Special protective action for firefighters : In case of fire, promptly isolate the scene by removing all persons from the vicinity of the incident. No action should be taken involving any personal risk or without suitable training.
- Special protective equipment for firefighters : Wear appropriate protective equipment and self-contained breathing, clothing (incl. helmets, protective boots & 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 procedure

- Personal precautions : Wear suitable gloves and eye / face protection. In case of insufficient ventilation, wear suitable respiratory equipment. Wear working clothes and safety shoes.

6.2 Environmental precautions

- Environmental precautions : Prevent product from entering drains. Do not flush in surface water.

6.3 Methods and material for containment and cleaning up

- Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to the local / national regulations. (see section 13)

6.4 Reference to other Sections

- See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See section 13 for additional waste treatment information.

Section 7: Handling and storage

7.1 Precautions for safe handling

- Protective measures : Put on appropriate personal protective equipment (see section 8). Person with a history of skin sensitization problems should not be employed in any process in which product is used. Avoid exposures – Do not handle until all safety precautions have been read and understood. Do not breathe vapour or mist. Do not

ingest, if during normal use material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in original container kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general Occupational hygiene : Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed. Workers should wash hands and face before eating. Also see Section 8.

7.2 Conditions for safe storage, including any incompatibility

Requirement for storage area and containers : Store locked up, in original, tightly closed container in a dry & well ventilated area away from incompatible materials (see Section 10) and food / drink.

Further information on storage conditions : Protect from frost, heat and sunlight. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.



Protect from Frost



7.3 Specific end use(s)

Recommendations : Only recommended for use in leather industry.

Industrial sector specific sol : Not available.

Section 8: Exposure control / personal protection

8.1 Control Parameters

Occupational exposure limit : Not known

Recommended monitoring procedures : Not known

Derived effect levels : No DELs available

Predicted effect conc. : No PECs available

8.2 Exposure controls

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures

Hygiene measures : Wash hands, forearms & face thoroughly after handling the product before eating, smoking and using the lavatory and at the end of working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of workplace. Wash contaminated clothing before reusing. Ensure that eye wash stations & safety showers are close to workstation location.



Eye / face 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 dust.

Skin protection measures

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection : Personal protective equipment for body should be selected based on the task being performed and risks involved and should be approved by a specialist before handling the product.

Other skin protection : Appropriate footwear & any additional skin protective measures should be selected based on the task being performed & risk involved & should be approved by a specialist before handling the product.

	Respiratory protection	:	Use a properly fitted, air purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of selected respirator.
	Environmental exposure controls	:	Emission from ventilation or work process equipment should be checked to ensure they comply with requirements of environmental protection legislation. In some cases, fume scrubber, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
	Further information on Storage conditions	:	Protect from frost, heat and sunlight. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	:	
Physical state	:	Powder
Colour	:	Free Flowing White
Odour	:	Pungent, Sweet Odor
Volatile Content	:	1 ± 0.2%
pH (1:1)	:	N.A.
Melting / freezing point	:	132.00 - 149.00 °C (269.60 - 300.20 °F)
Initial boiling point	:	N.A.
Flash point	:	N.A.
Evaporation rate	:	Not available
Flammability (solid / gas)	:	May form combustible dust concentrations in air.
Burning time	:	Not available
Burning rate	:	Not available
Upper/Lower flammability or explosive limit	:	Not determined
Vapour pressure	:	Not available
Vapour density	:	Heavier than Air
Density	:	1.1100
Solubility	:	Insoluble (in water)
Partition coefficient n-octanol / water	:	Not determined
Auto-ignition temperature	:	400.00 °C (752.00 °F)
Viscosity	:	Not determined
Decomposition temperature	:	Not available
Explosive properties	:	Not available
Oxidizing properties	:	Not available
VOC (W/W) (2004/42/EC)	:	Not available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

9.2 Other information : No data / information available,



Section 10: Stability and reactivity

10.1 Reactivity	:	Stable under recommended storage conditions
10.2 Chemical Stability	:	The product is chemically stable
10.3 Possibility of hazardous Reactions	:	Under normal conditions of storage and use, hazardous reaction will not occur.
10.4 Conditions to avoid	:	Instability temperature: 100°C
10.5 Incompatible materials	:	Strong acids / strong alkalis.
10.6 Hazardous decomposition products	:	Under normal conditions of storage & use, hazardous decomposition products should not be produced

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicological information appears in this section when such data is available.

Information on likely routes of exposure

Ingestion, Inhalation, Skin contact, Eye contact. Inhalation, Eye contact, Skin contact, Ingestion.

Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)

Acute oral toxicity

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. For similar material(s):

LD50, Rat, > 5,000 mg/kg No deaths occurred at this concentration.

Acute dermal toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts. For similar material(s):

LD50, Rabbit, > 5,000 mg/kg No deaths occurred at this concentration.

Acute inhalation toxicity : Not Available

Skin Corrosion / Irritation : Based on the testing for product(s) in this family of materials:
Essentially nonirritating to skin.

Sensitisation

Conclusion / Summary : Not Available

Mutagenicity

Conclusion / Summary : Not Available

Carcinogenicity

Conclusion / Summary : Not Available

Reproductive toxicity

Conclusion / Summary : Not Available

Teratogenicity

Conclusion / Summary : Not Available

Specific target organ : Not Available

toxicity (single exposure)

Specific target organ : Not Available

toxicity (repeated exposure)

Aspiration hazard : Not Available

Information on the likely : Not Available

routes of exposure

Section 12: Ecological information

12.1 Eco Toxicity

Conclusion / Summary : Not available

12.2 Persistence & degradability

Conclusion / Summary : Not available

12.3 Bioaccumulative potential

Conclusion / Summary : Not available

12.4 Mobility in soil

Soil/water partition : Not available

coefficient (Koc)

Mobility : Avoid release to the environment

Section 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : Where possible, recycling is preferred to disposal or incineration. The generation of waste product residues should not be disposed off via the foul sewer but processed in a suitable effluent treatment plant. Dispose off surplus & non-recyclable products via licensed waste disposal contractor. Product should be disposed off in accordance with local environmental protection / waste disposal legislations.

Hazardous waste	:	Classification of product may meet the criteria for a hazardous waste.
Packaging		
Methods of disposal	:	The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration / landfill should only be considered when recycling is not feasible.
Special precautions	:	This product and its container/empty packing must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned / rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal with soil, waterways, drains.

Section 14: Transport information

No transport classification is applicable. Not dangerous goods in meaning of ADR/RID, ADN, IMDG/IOTA – DGR.

14.1 UN number	:	Not applicable
14.2 UN proper shipping name	:	Not applicable
14.3 Transport hazard class(es)	:	Not applicable
14.4 Packing group	:	Not applicable
14.5 Environmental hazards	:	Not applicable
14.6 Special precautions for user	:	Not applicable
14.7 UN number according to Annex II of MARPOL 73/78 & IBC Code	:	Not applicable

Section 15: Regulatory information

- 15.1 Safety health & environmental regulations / legislations specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH), Annex XIV – List of substances subject to authorization Substances of very high concern**
None of the components are listed
Annex XVII – Restrictions on manufacture, placing, on the market & use of certain dangerous substances, mixtures & articles.
Not applicable
- 15.2 Chemical safety assessment**
Not applicable



Section 16: Other information

- 16.1 Full text of H – statements**
H317 : May cause skin allergy
H305 : May be harmful if swallowed
- 16.2 Abbreviations / acronyms**
ATE → Acute Toxicity Estimate; CLP → Classification, Labelling & packaging Regulation (Regulation (EC) No. 1272 / 2008; DNEL → Derived No Effect Level; EUH Statement → CLP-specific Hazard statement; PNEC → Predicted No Effect Concentration; RRN → REACH Registration Number;



Procedures used to derive the classification according to Regulation (EC) 1272 / 2008 [CLP / GHS]

Disclaimer: Information provided above is furnished without warranty, express or implied. This information is believed to be accurate to the best of our knowledge. The information in this SDS relates only to the specific material designated herein. HARYANA assumes no legal responsibility for use of or reliance upon the information in this SDS.