

ALUMA-SIGN R&R

TECHNICAL DATA SHEET

DESCRIPTION:

ALUMA-SIGN R&R is a balanced blend of surfactants and acids intended for use on aluminum, mild steel, stainless steel and copper to remove soil and scale build-up by simultaneously cleaning and brightening the surface through an etching action.

PROPERTIES:

Appearance:	Clear, amber liquid with a mild odor.
Specific Gravity:	1.16
pH (100%):	1.8 – 2.3
pH (1% by volume):	2.0 – 2.5
Metal Safety:	Normally used to clean and etch aluminum, mild steel, stainless steel and copper. May produce an etch on glass. All uses of ALUMA-SIGN R&R should be pretested for effectiveness and safety prior to implementing into production.
Equipment:	The following materials are recommended for tank linings, pumps, piping, tubing, fittings and any other component that will be in long term or constant contact with ALUMA-SIGN R&R and its solutions: Teflon®, Viton®, Kynar® (PVDF), polypropylene to 72°F., and polyethylene to 72°F.

APPLICATION:

ALUMA-SIGN R&R can be used at room temperature to 180°F. at concentrations of 1 to 10% by volume with water. Immerse, wipe or spray on metal, then rinse thoroughly with water. Contact time will vary with each operation, but 5 seconds to 5 minutes is a good starting point.

Contact your Madison Chemical Company technical representative for complete operating details to fit your operation.

PRODUCT CAUTIONS:

DANGER! Causes burns to skin, eyes and alimentary canal. Harmful if swallowed. Contains phosphoric acid, dipropylene glycol, methyl ether and fluorides. Wear goggles, face shield, impermeable gloves and other equipment as required to avoid contact.

EMERGENCY FIRST AID:

EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

INGESTION: Do not induce vomiting. Give water. Never give anything by mouth to an unconscious person. Call a physician.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN.



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Scientists & Engineers Working for You

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