The Schaefer Group SGI-F216 is designed for the removal of alkali metals as well as nonmetallic inclusions from liquid aluminum. SGI-F216 can be used in melting and holding furnaces and delivered by broadcast, injection or in-line injection. SGI-F216 is a fused granular (magnesium chloride and potassium chloride) flux with a low melt point (< 480 °C) which allows for the quick removal of calcium sodium and lithium from your metal and refractory furnace linings. SGI-F216 is an excellent alternative to chlorine injection.

**CHARACTERISTICS**

- **Color:** Gray/off white
- **Form:** Granular

SGI-F216 is sized to allow efficient and faster melting.

**METAL TREATMENT**

Application amount will be determined by the amount of aluminum to be treated and the level of alkali metals present.

The typical application will be within 6 oz to 1 pound / per 1000 lbs. of metal charged. The exact amount needed will vary with the specific conditions of each unique furnace/process. A representative from The Schaefer Group can help determine the correct dosage.

Reactivity and Reaction time will vary with application rate furnace temperature and furnace size. Please contact a representative from The Schaefer Group for detailed furnace cleaning help and training opportunities.

**STORAGE & HANDLING**

Store in a dry location, away from intense heat. Storage in original packaging is recommended to minimize moisture content and contamination. SGI-F216 is Hygroscopic and should be stored in a dry location.

**PACKAGING**

→ **Standard Packaging:**

- 500lb Drums – Loose or 10lb plastic bags
- 2,000lb boxes of 25lb plastic bags

→ Custom Packaging available upon request.

**HEALTH & SAFETY**

Dust and Fumes can cause irritation to the nose, throat, and lungs. Refer to SDS for safe handling and First Aid information prior to use.