

# Syn<sup>thetic</sup>EX<sup>othermic</sup>s

## CR 640

### Calcium Removal Flux

**CR640 is used to remove calcium from the molten aluminum. Its chemical properties will remove unwanted calcium as well as other nonferrous oxide buildups.**

#### **Product Appearance**

Like all Synex fluxes, **CR640** is snow white in color and has the consistency of powdered sugar. All materials in Synex **CR640** are of the highest quality available. The high quality materials are custom blended to keep the product granularity very tight, which prevents them from becoming unblended during shipment.

#### **Product Purpose**

**CR640** optimizes effective removal of calcium. This product contains no HEX, making it user and facility friendly.

#### **Product Usage**

**CR640** is most effective when used with an inert gas such as nitrogen or argon. It is compatible with all Synex flux injection machines. The amount of calcium flux needed is determined by the normal operation practices and the accumulated calcium in the bath. Consistent fluxing will provide excellent results.

To order or receive additional product information call:

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Newnan, Georgia 30263

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## **High Tech Fluxes for Today's Metals**

Synthetic Exothermic, Inc. fluxes are of the highest quality and conform with all Synex specifications. Purchaser must read and adhere to all safety handling warnings. Due to the fact that Synex has no control of the purchaser's usage, Synex makes nor implies any warranties as to the specific results the purchaser may achieve.



## SECTION VI- HEALTH HAZARD INFORMATION

Routes of Entry Inhalation? yes Skin? yes Ingestion? yes  
Health Hazards (acute and chronic):

Prolonged exposure to skin may lead to irritation. Prolonged inhalation may cause mucous membrane and respiratory system irritation. Harmful or fatal if ingested.

Carcinogenicity: not known to be a carcinogenic

NTP? No IARC monographs? No OSHA Regulated? No

Medical conditions generally aggravated by exposure. - None Known

## Emergency and First Aid Procedures-

Skin Contact- Flush liberally with flowing water for at least 15 minutes.

Eye Contact- Flush liberally with flowing water or physiological NaCl solution. When Flushing eyes, Lids should be kept open.

Inhalation. Remove to fresh air. In case of breathing difficulties, give oxygen.

**In any of the above situations, call a physician.**

## SECTION VII - ENVIRONMENTAL PROTECTION PROCEDURES

release or spill response: use clean up method which minimizes airborne dust and avoid contamination to out plant streams.

waste disposal method: properly label waste container.

## SECTION VIII- SPECIAL PROTECTION INFORMATION

hands (glove material to minimize contact): avoid skin contact.

eyes: avoid eye contact. Use goggles.

respirator type: use NIOSH approved respirator when tlv is exceeded.

ventilation requirements: local exhaust required.

other: safety shower and/or eye wash should be available

## SECTION IX - SPECIAL PRECAUTIONS

special precautions in handling and storing: wash after handling  
shipping regulations: none labels required: nd

**store in dry area.**

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