



# FlexaTrac™-AGS

ADIPIC, GLUTARIC AND SUCCINIC ACIDS

# FlexaTrac™-AGS-100

FlexaTrac-AGS-100 is a liquid blend of adipic, glutaric and succinic dibasic acids. FlexaTrac-AGS-100 is used as a buffer in lime or limestone flue gas desulfurization (FGD) systems. Flue gas desulfurization systems are greatly enhanced by using small quantities of FlexaTrac-AGS-100 (0.05-0.02 wt%).



Physical Data	FlexaTrac-AGS-100 (Liquid)
Succinic Acid, wt. %	6-11
Glutaric Acid, wt. %	24-38
Adipic Acid, wt. %	6-17
Total Dibasic Acids, wt. %	46-52
Appearance	Yellow-green liquid with odor
Odor	Slightly pungent odor
Solubility	Completely soluble above 40°C
Nitric Acid, wt. %	<2.0
Initial Boiling Point, °C	116
Crystallization Point, °C	40
Viscosity, cP	4 @ 65°C
Specific Gravity	1.12
Bulk Density, g/cm <sup>3</sup>	n/a
Metal Content (Fe/V/Cu), ppm	n/a

## Flue Gas Desulfurization



- **Permits burning of less high-sulfur coal**
- **Reduces retrofit CAPEX**
- **Improves gypsum recovery**
- **Reduces SO<sub>2</sub> emissions**
- **Reduces limestone usage**
- **Improves desulfurization system reliability**
- **Improves filter cake dewatering**
- **Low system plugging**
- **Reduces scaling**

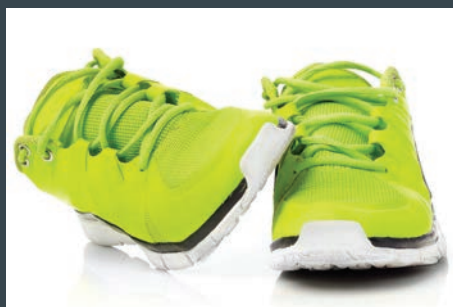
# FlexaTrac™-AGS-200

FlexaTrac-AGS-200 is a dry blend of adipic, glutaric and succinic dibasic acids. Ascend Performance Materials is one of the world's largest producers of adipic acid. This allows Ascend the ability to guarantee supply of your FlexaTrac-AGS-200 needs. FlexaTrac-AGS-200 is a very versatile chemicals used in a wide variety of polyurethane and other applications.



Physical Data	FlexaTrac-AGS-200 (Flake)
Succinic Acid, wt. %	15-25
Glutaric Acid, wt. %	59-73
Adipic Acid, wt. %	10-20
Total Dibasic Acids, wt. %	99.5 min
Appearance	White to off white
Odor	No odor
Solubility	Completely soluble above 90°C
Nitric Acid, wt. %	<0.03
Initial Boiling Point, °C	n/a
Crystallization Point, °C	n/a
Viscosity, cP	n/a
Specific Gravity	n/a
Bulk Density, g/cm <sup>3</sup>	0.6-0.8
Metal Content (Fe/V/Cu), ppm	< 2.0

## Applications



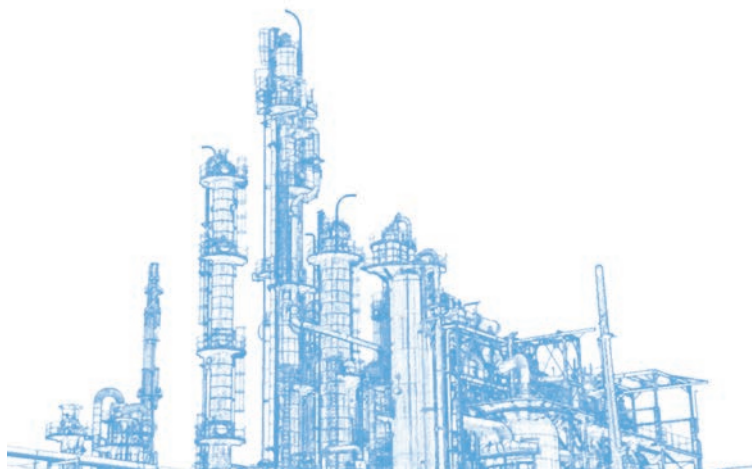
- Shoe soles
- Synthetic leather
- Plasticizers
- Elastomers



- Coatings
- Adhesives
- Inks
- Solvent precursor



- Polyester polyols
- Auto dish cleaners
- Water treatment
- Scale remover



# About Ascend

Headquartered in Houston, Texas, Ascend Performance Materials is one of the world's largest fully-integrated producers of nylon 6,6 resin. As the world's only large-scale converter of acrylonitrile to adiponitrile, Ascend is uniquely positioned for the production of dozens of amines, acids, esters and intermediates used in a variety of end applications. Our integrated manufacturing processes allow us to produce a wide range of specialty chemicals. Ascend's specialty chemicals are used in hundreds of brand-name adhesives, coatings, cleansers and detergents. Ascend manufactures chemicals at its facilities in Alabama, Florida and Texas.

For more information on our specialty chemicals visit us at [www.ascendmaterials.com/specialtychemicals](http://www.ascendmaterials.com/specialtychemicals)

**inspiring** everyday