



FlexaTrac™-AGS

ADIPIC, GLUTARIC AND SUCCINIC ACIDS



KEY
CHARACTERISTICS

- **Good source of dibasic acids**
- **5 carbon acid**
- **Flake is approximately 70% glutaric acid**
- **High quality flake manufactured in the U.S.**

FlexaTrac™-AGS

ADIPIC, GLUTARIC AND SUCCINIC ACIDS

FlexaTrac™-AGS is a blend of adipic, glutaric and succinic dibasic acids. Available as a water-soluble liquid (FlexaTrac-AGS-100) or as high quality flakes (FlexaTrac-AGS-200), FlexaTrac-AGS is ideal for a wide range of applications including: flue gas desulfurization, industrial intermediates, monomers, cleaners and corrosion inhibitors.

APPLICATIONS

FlexaTrac-AGS-100

- Buffer in lime or limestone flue gas desulfurization (FGD) systems
 - Small quantities (0.02-0.05 wt. %) greatly enhance performance of FGD systems
 - Permits burning of less high-sulfur coal
 - Reduces retrofit CAPEX
 - Improves gypsum recovery
 - Reduces SO₂ emissions
 - Reduces limestone usage
 - Improves desulfurization system reliability
 - Improves filter cake dewatering
 - Low system plugging
 - Reduces scaling

FlexaTrac-AGS-200

- Polyurethane, polyester resin intermediate for manufacturing plastics such as;
 - Shoe soles
 - Synthetic leather
 - Plasticizers
 - Elastomers
 - Solvent precursor
 - Auto dish cleaners
 - Water treatment
 - Scale remover
- Polyols for coatings, inks and adhesives

CHARACTERISTICS

	FlexaTrac-AGS-100 liquid	FlexaTrac-AGS-200 flake
Succinic acid, wt. %	6 – 11	15 – 25
Glutaric acid, wt. %	24 – 38	59 – 73
Adipic acid, wt. %	6 – 17	10 – 20
Total dibasic acids, wt. %	46 – 52	99.5 min

PROPERTIES

	FlexaTrac-AGS-100 liquid	FlexaTrac-AGS-200 flake
Appearance	Yellow-green liquid	White to off-white flake
Odor	Slightly pungent	None
Solubility	Completely soluble above 40°C	Completely soluble above 90°C
Nitric acid, wt. %	<2.0	<0.03
Initial boiling point	116°C	n/a
Crystallization point	40°C	n/a
Viscosity, cps	4 @ 65°C	n/a
Specific gravity	1.12	n/a
Bulk density, g/cm ³	n/a	0.6 – 0.8
Metal content (Fe/V/Cu), ppm	n/a	<6.0



FlexTrac-AGS-100
liquid



FlexTrac-AGS-200
flake

About Ascend

Ascend Performance Materials is a global leader in the production of high-quality chemicals, fibers and plastics. As the world's largest fully integrated manufacturer of nylon 6,6 resin, our manufacturing processes are vertically integrated, ensuring the highest level of quality and economies of scale. Ascend's specialty chemicals and blends of acids, amines and esters are used in a variety of applications and industries. We offer customized solutions through formulated products and superior technical support.

North America

1010 Travis Street, Suite 900
Houston, TX 77002
United States

+1 713 315 5700

Europe

Watson and Crick Hill Park
11, rue Granbonpré - Bâtiment H
B-1435 Mont-St-Guibert
Belgium

+32 10 60 8600

Asia

Unit 3602, Raffles City
No. 268, Xizang Road (M)
Shanghai, 200001
China

+86 21 6340 3300

inspiring everyday

ascendmaterials.com/specialtychemicals

Disclaimer of Warranty and Liability

NOTICE: Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, Ascend Performance Materials Operations LLC makes no representations or warranties as to the completeness or accuracy thereof.

Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Ascend Performance Materials Operations LLC be responsible for damages of a nature whatsoever resulting from the use of or reliance upon information or the products to which information refers. Nothing contained herein is to be construed as a recommendation to use any product, equipment or formulation in conflict with any patent, and Ascend Performance Materials Operations LLC makes no representation of warranty, express or implied, that use thereof will not infringe any patent. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers.

©2017 Ascend Performance Materials Operations LLC. The Ascend Performance Materials mark and logos are trademarks or registered trademarks of Ascend Performance Materials Operations LLC.
Rev. 06/2017