

Solvay puts into practice a sustainable development policy called **Solvay Way** because we are convinced our future is dependent upon the responsible way in which we conduct our current activities — a way that reflects our commitment to each of our stakeholders. **Solvay Way** encompasses three interlinked, equally important spheres: the Environment Sphere, the People Sphere and the Economic Sphere.

Based on a framework of responsibilities, **Solvay Way** allows Solvay sites and businesses to conduct self—assessments of their practices and establish action plans that promote continuous progress. At Solvay, the way we do business creates sustainable value for all our stakeholders through innovation and partnership.



> Responsible Care is the chemical industry's voluntary continuous improvement initiative to promote safe handling of products. (1987)



> The UN's Global Compact aims to ensure that heads of companies promote and uphold 10 universal principles concerning human rights, Working Conditions, Respect for the environment and anti—corruption. (2003)



> The International Federation of Chemical, Energy, Mine and General Workers' Unions. (2005)



> Solvay Novacare has achieved world—wide ISO—9001 Quality Management System Multi—Site Certification. (2008)



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Amines Product Guide



SOLVAY

asking more from chemistry®

Solvay is a multi-specialty chemical company, committed to developing chemistry that addresses key societal challenges. Solvay innovates and partners with customers in diverse global end markets. Its products and solutions are used in planes, cars, smart and medical devices, batteries, in mineral and oil extraction, among many other applications promoting sustainability. Its lightweighting materials enhance cleaner mobility, its formulations optimize the use of resources and its performance chemicals improve air and water quality.

Solvay is headquartered in Brussels with around 27,000 employees in 58 countries. Net sales were € 10.9 billion in 2016, with 90% from activities where Solvay ranks among the world's top three leaders.

CONTENTS

| | |
|--------------------------------------|------|
| Fatty Amines..... | 2-3 |
| Polyamines..... | 4 |
| Functional Amines | 5 |
| Amides | 6 |
| Polyurethane Catalysts | 7 |
| Surfactants | 8-10 |
| Solvay Amines Product Facility | 11 |

Organic amine chemicals, especially primary, secondary and tertiary amines, are well known for their use as synthesis intermediates of cationic, amphoteric and nonionic surfactants. Nowadays, we can use acrylonitrile, hydrogen peroxide, monochloroacetic acid and EO/PO to derivatize amines to give a variety of enhanced properties. These derivatives give a range of different properties to the amine functionality including mildness, surface activity, solubility and enhanced reactivity.

Experience in the Market

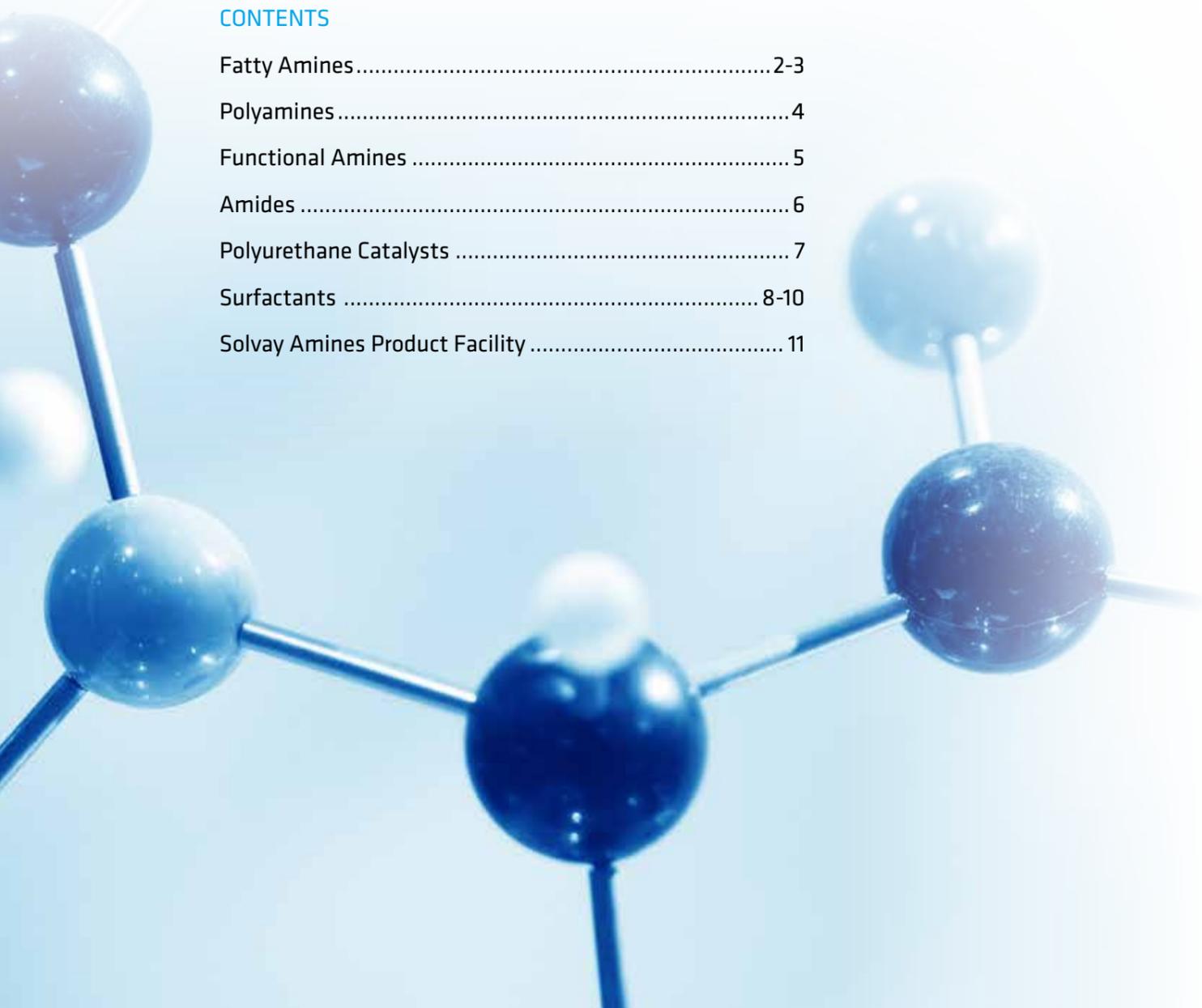
Solvay holds a leading position in Asia Pacific for its development and production of fatty and functional amines. Our extensive experience in the market allows us to work with our customers in creating new opportunities to fit their ever changing business activities.

State-of-the-art Manufacturing Process

Up to date, efficient facilities coupled with our experience enable us to consistently develop high quality products. In addition, the R&D facilities give us strength in the development of new products.

Flexibility

Our product range include C8 to C22 chain lengths for fatty amines; primary to tertiary amines. We use acrylonitrile or methylamines as feedstock which gives us strength in the C3 range of functional amines.



FATTY AMINES

Solvay produces a wide range of fatty amines based on the feedstock of single or mixed cut fatty acids and fatty alcohols, ranging from C8 to C22. By using two process chemistries based on nitrile and direct amination technology, world scale volumes of various primary, secondary and tertiary fatty amines are produced in our plant.

These fatty amines are extremely versatile and commonly applied as the reactive intermediates for the synthesis of other functional chemicals such as surfactants, detergents, softeners, anti-static agents, antimicrobial agents, etc.

Some of them are also directly used in many industry processes such as froth flotation, anti-caking, rheology modification, oil drilling, pigment dispersing, etc.



| Primary Amine | | | |
|-----------------|-------------------------------|------------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® A8 | Octylamine | 111-86-4 | 98 |
| FENTAMINE® A10 | Decylamine | 2016-57-1 | 98 |
| FENTAMINE® A12 | Laurylamine | 124-22-1 | 98 |
| FENTAMINE® ACO | Coco Amines | 61788-46-3 | 98 |
| FENTAMINE® A14 | Tetradecylamine | 2016-42-4 | 98 |
| FENTAMINE® A18 | Octadecylamine | 124-30-1 | 98 |
| FENTAMINE® AHT | Hydrogenated Tallow Amines | 61788-45-2 | 98 |
| FENTAMINE® A86 | Stearylamine | 90640-32-7 | 98 |
| FENTAMINE® AT | Tallow Amines | 61790-33-8 | 98 |
| FENTAMINE® AT E | Tallow Amines(Vegetable Base) | 61790-33-8 | 98 |
| FENTAMINE® AO V | Oleylamine | 112-90-3 | 98 |
| FENTAMINE® AE | Erucylamine | 26398-95-8 | 98 |

| Secondary Amines | | | |
|-------------------|----------------|---------------------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® SA86 | Distearylamine | 68037-98-9/112-99-2 | 88 |
| FENTAMINE® SA1010 | Didecylamine | 1120-49-6 | 88 |
| FENTAMINE® SACO | Dicoco Amines | 61789-76-2 | 90 |

| Tertiary Amines - Monoalkyl | | | |
|-----------------------------|------------------------------------|---------------------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE DMA897 | Octyl Dimethylamine | 7378-99-6 | 97 |
| FENTAMINE DMA810 | Octyl/Decyl Dimethylamines | 7378-99-6/1120-24-7 | 97 |
| FENTAMINE DMA818 | Cocoalkyl Dimethylamines | 61788-93-0 | 98 |
| FENTAMINE® DMA1095 | Decyl Dimethylamine | 1120-24-7 | 98 |
| FENTAMINE® DMA1297 | Dodecyl Dimethylamine | 112-18-5 | 98 |
| FENTAMINE® DMA1497 | Tetradecyl Dimethylamine | 112-75-4 | 98 |
| FENTAMINE® DMA1697 | Hexadecyl Dimethylamine | 112-69-6 | 98 |
| FENTAMINE® DMA1895 | Octadecyl Dimethylamine | 124-28-7 | 98 |
| FENTAMINE® DMA1270 | Dodecyl/Tetradecyl Dimethylamines | 84649-84-3 | 98 |
| FENTAMINE® DMA1265 | Dodecyl/Tetradecyl Dimethylamines | 84649-84-3 | 98 |
| FENTAMINE® DMA1263 | Dodecyl/Tetradecyl Dimethylamines | 68439-70-3 | 98 |
| FENTAMINE® DMA1450 | Dodecyl/Hexadecyl Dimethylamines | 68439-70-3 | 98 |
| FENTAMINE® DMA121416 | Dodecyl/Hexadecyl Dimethylamines | 68439-70-3 | 98 |
| FENTAMINE® DMA1218 | Dodecyl/Octadecyl Dimethylamines | 61788-93-0 | 98 |
| FENTAMINE® DMA1460 | Dodecyl/Octadecyl Dimethylamines | 68391-04-8 | 98 |
| FENTAMINE® DMA1618 | Hexadecyl/Octadecyl Dimethylamines | 68390-97-6 | 98 |
| FENTAMINE® DMA1816 | Octadecyl/Hexadecyl Dimethylamines | 68390-97-6 | 98 |
| FENTAMINE® DMA2275 | Octadecyl/Behenyl Dimethylamines | 124046-42-0 | 97 |
| FENTAMINE® DMA2280 | Octadecyl/Behenyl Dimethylamines | 124046-42-0 | 97 |
| FENTAMINE® DMA2290 | Behenyl Dimethylamine | 21542-96-1 | 97 |
| FENTAMINE® DMAO | Oleyl Dimethylamine | 14727-68-5 | 96 |

| Tertiary Amines - Dialkyl | | | |
|---------------------------|---|-------------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® MA88 | Diocetyl Methylamine | 4455-26-9 | 95 |
| FENTAMINE® MA810 | Di(Octyl/Decyl) Methylamines | 308062-61-5 | 95 |
| FENTAMINE® MA1010 | Didecyl Methylamine | 7396-58-9 | 97 |
| FENTAMINE® MA1212 | DiDodecyl Methylamine | 2915-90-4 | 97 |
| FENTAMINE® MA1616 | Dihexadecyl Methylamine | 16724-61-1 | 97 |
| FENTAMINE® MADHT | Di(Hydrogenated Tallowalkyl) Methylamines | 61788-63-4 | 97 |
| FENTAMINE® MADHT V | Di(Hydrogenated Tallowalkyl) Methylamines | 61788-63-4 | 97 |
| FENTAMINE® MADCO | Dicocoalkyl Methylamines | 61788-62-3 | 95 |

| Tertiary Amines - Trialkyl | | | |
|----------------------------|------------------------|------------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® TA8 | Triocetylamine | 1116-76-3 | 95 |
| FENTAMINE® TA0810 | Tri(Octyl/Decyl)Amines | 68814-95-9 | 95 |

- ▶ Intermediates
- ▶ Anti-Caking Agent
- ▶ Flotation Collector
- ▶ Emulsifying Agent
- ▶ Asphalt Emulsifier
- ▶ Fiber Softener
- ▶ Oil Drilling Lubricants
- ▶ Anti-Static Agents
- ▶ Corrosion Inhibitors
- ▶ Fiber Detergents
- ▶ Flotation Agents

POLYAMINES

As one of the major derivatives of primary fatty amines, polyamines products are seen as a family of amine chemicals with great potential to be used in many applications as process additives.

Their multi-amino group functionality gives several possibilities to extend to multi-branched and functional chemical structures by reacting with ethylene oxide or chloroacetate.

These derivatives are commonly used as high efficiency lubricants, emulsifiers, anti-bacterial agents and dispersants.



FUNCTIONAL AMINES

Our functional amines are predominantly based on the feedstock of methyl amines, acrylonitrile and ethylene/propylene oxide. This gives us strength in the C3 range of functional amines, such as DMAPA, MOPA and ethanol amines (NMEA, DMEA, MDEA, DMAEE).

Our advanced synthesis technology and flexible manufacturing units also help us to extend the functional amine product portfolio to a wider range including polyamines, ether amines and amides. These products are mostly used as process additives in applications such as refinery works, gas treating, electroplating, mineral extraction, printing, plant protection, etc.



| Diamine | | | |
|-------------------|--|------------|------|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® DA1214 | Dodecyl/Tetradecyl 1,3-Propanediamines | 5538-95-4 | 90 |
| FENTAMINE® DACO | N-Cocoalkyl 1,3-Propanediamines | 61791-63-7 | 90 |
| FENTAMINE® DAHT | N-(Hydrogenated Tallowalkyl) 1,3-Propanediamines | 68603-64-5 | 90 |
| FENTAMINE® DAT | N-Tallowalkyl 1,3-Propanediamines | 61791-55-7 | 90 |
| FENTAMINE® DA86 | N-Stearyl 1,3-Propanediamine | 4253-76-3 | 90 |
| FENTAMINE® DAO | N-Oleyl 1,3-Propanediamine | 7173-62-8 | 90 |
| FENTAMINE® DA102 | 1,10-Decanediamine | 646-25-3 | 98.5 |
| FENTAMINE® DA122 | 1,12-Dodecanediamine | 2783-17-7 | 98 |

| Tri & Tetra-amine | | | |
|---------------------|--|------------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® DPTA | Dipropylenetriamines | 56-18-8 | 98 |
| FENTAMINE® DPTA T | N-Tallowalkyl Dipropylenetriamines | 61791-57-9 | - |
| FENTAMINE® DPTA O | N-Oleyl Dipropylenetriamines | 28872-01-7 | - |
| FENTAMINE® DPTA Y12 | N,N-Bis-(3-Aminopropyl)-Dodecylamines | 2372-82-9 | - |
| FENTAMINE® DPTA YT | N,N-Bis-(3-Aminopropyl)-Tallowalkylamines | 85632-63-9 | - |
| FENTAMINE® DMAPAPA | N'-(3-Aminopropyl)-N,N-Dimethylpropane-1,3-diamine | 10563-29-8 | 95 |
| FENTAMINE® TPTA | Tripropylenetetramines | 4605-14-5 | 90 |
| FENTAMINE® TPTA T | N-Tallowalkyl Tripropylenetetraamines | 68911-79-5 | - |
| FENTAMINE® TPTA O | N-Oleyl Tripropylenetetraamines | 67228-83-5 | - |

- ▶ Intermediates for Nonionic Surfactants
- ▶ Bitumen Emulsifier
- ▶ Lubricants
- ▶ Pigment Dispersing

| Ether Amine | | | |
|------------------|-----------------------------|------------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® LPA10 | 3-Decyloxy 1-Propylamine | 7617-78-9 | 96 |
| FENTAMINE® OPA10 | 3-Isodecyloxy 1-Propylamine | 30113-45-2 | 96 |

| Ether Diamine | | | |
|---------------------|--|------------|---|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® OPDA10 | Isodecyloxypropyl-1,3-Diaminopropane | 72162-46-0 | - |
| FENTAMINE® OPDA13 | Isotridecyloxypropyl-1,3-Diaminopropane | 68479-04-9 | - |
| FENTAMINE® LPDA1214 | Dodecyl/Tetradecyloxypropyl-1,3-Diaminopropane | 68187-46-2 | - |

| Alkanol Amines | | | |
|-----------------|---------------------------|----------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® NMEA | N-Methyl Ethanolamine | 109-83-1 | 99 |
| FENTAMINE® MDEA | N-Methyl Diethanolamine | 105-59-9 | 99 |
| FENTAMINE® DMEA | N,N-Dimethyl Ethanolamine | 108-01-0 | 99 |

| Functional Amines | | | |
|-------------------|---|-----------|------|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® PDA | 1,3-Propyldiamine | 109-76-2 | 99 |
| FENTAMINE® DMAPA | 3-Dimethylamino 1-Propylamine | 109-55-7 | 99.5 |
| FENTAMINE® MOPA | 3-Methoxy 1-Propylamine | 5332-73-0 | 99 |
| FENTAMINE EOPA | 3-Ethoxy 1-Propylamine | 6291-85-6 | 98 |
| FENTAMINE EHOPA | 3-[(2-Ethylhexyl)oxy] Propylamine | 5397-31-9 | 98 |
| FENTAMINE® DBAPA | Dibutylanino 1-Propylamine | 102-83-0 | 99 |
| FENTAMINE® DEAPA | 3-Diethylamino 1-Propylamine | 104-78-9 | 99 |
| FENTAMINE® TMEDA | N,N,N',N'-Tetra-Methyl-Ethylene-Diamine | 110-18-9 | 99 |
| FENTAMINE® TMPDA | N,N,N',N'-Tetramethyl-Propyldiamine | 110-95-2 | 99 |

- ▶ Dyestuff Intermediates
- ▶ Chelating Agent
- ▶ Intermediates for Pesticide
- ▶ Ion exchange resin activator
- ▶ Desulfurizing agent
- ▶ Gas Treating
- ▶ Water Treatment
- ▶ Epoxy Resin Curing Agents
- ▶ Intermediates for Pharmaceuticals
- ▶ pH Buffering Agents
- ▶ Anti-Static Agents
- ▶ PU Catalyst Intermediates
- ▶ Corrosion Inhibitors
- ▶ Extracting Solvents
- ▶ Solvents

AMIDES

Fatty acid is a common feedstock for the production of amine intermediates. This is not only relevant to the nitrile route to make the primary fatty amines but also includes amidation of acid to form amides. These amides are seen as special reactive intermediates for the production of cationic and amphoteric surfactants and we also find broad uses of these chemicals due to its solvency and lubrication properties.



POLYURETHANE CATALYSTS

Polyurethane catalyst is one of the most important additives of polyurethane foam. Different blow and gel balance is required for different foam system. It can balance blow and gel reactivity and improve product quality by adjusting proper amine catalysts combination. Solvay amine catalysts can be applied to flexible, rigid and semi-rigid formulation. Solvay also offer low odor, reactive type and low emission special amine catalysts for high-end application such as automotive, furniture, etc.



| Amido Amines | | | |
|---------------------|--|-------------|----|
| Trade Name | Chemical Name | CAS No. | % |
| FENTAMINE® PKO1218H | N-3-(Hydrogenated Cocoamido) Propyl Dimethylamines | 288095-05-6 | 97 |
| FENTAMINE® PKO12 | N-3-Laurylamidopropyl Dimethylamine | 3179-80-4 | 97 |
| FENTAMINE® PKOO | N-3-Oleylamidopropyl Dimethylamine | 109-28-4 | 97 |
| FENTAMINE® PKOE | N-3-Erucylamidopropyl Dimethylamine | 60270-33-9 | 97 |

- ▶ Intermediates for CAPB
- ▶ Agrochemicals
- ▶ Cleansing
- ▶ Foam Booster

| Trade Name | Chemical Name | Abbreviation | CAS No. | Structure |
|------------------|--|--------------|------------|-----------|
| FENTACAT™ 5 | Pentamethyl-Diethylene-Triamine | PMDETA | 3030-47-5 | |
| FENTACAT™ 8 | Dimethyl-Cyclohexylamine | DMCHA | 98-94-2 | |
| FENTACAT™ 9 | Bis(3-dimethyl-aminopropyl)-N,N-Dimethylpropane-Diamine | - | 33329-35-0 | |
| FENTACAT™ 10 | 1-[Bis[3-(Dimethylamino)-Propyl]Amino]-2-Propanol | - | 67151-63-7 | |
| FENTACAT™ 11 | N,N-Dimethyl-N',N'-Bis (2-Hydroxypropyl)-1,3-Propanediamine | DPA | 63469-23-8 | |
| FENTACAT™ 15 | N,N,N',N'-Tetra-Methyl-Dipropyl-Triamine | - | 6711-48-4 | |
| FENTACAT™ BDMA | Benzyl dimethylamine | BDMA | 103-83-3 | |
| FENTACAT™ DMAEE | Dimethylamino-Ethoxyethanol | DMAEE | 1704-62-7 | |
| FENTACAT™ TMAEEA | N,N,N'-Trimethyl-Amino-Ethyl-Ethanol-Amine | TMAEEA | 2212-32-0 | |
| FENTACAT™ 41 | N,N',N''-Dimethylaminopropyl-Hexahydrotriazine | - | 15875-13-5 | |
| FENTACAT™ 50 | Pentamethyl-Dipropylene-Triamine | - | 3855-32-1 | |
| FENTACAT™ D89 | N,N-Dimethyl-Aminoethanol | DMEA | 108-01-1 | |
| FENTACAT™ F1 | 70% Bis-(2-Dimethyl-Aminoethyl) Ether In Dipropylene Glycol | 70% BDMAEE | 3033-62-3 | |
| FENTACAT™ F33 | 33% Triethylenediamine In Dipropylene Glycol | TEDA | 280-57-9 | |
| FENTACAT™ F99 | Bis-(2-Dimethyl-Aminoethyl) Ether | BDMAEE | 3033-62-3 | |
| FENTACAT™ M2 | 2-Hydroxypropyl Trimethylammonium Formate In Diethylene Glycol | TMR-2 | 62314-25-4 | |

- ▶ Rigid PU Foam
- ▶ Flexible PU Foam
- ▶ Moulding PU foam
- ▶ PU CASE

SURFACTANTS

Solvay produce different types of surfactants, including cationic, nonionic, and amphoteric surfactants. These products can be used as biocides, emulsifiers, detergents, antistatic agents and organoclay modifiers. They are widely used in industrial, agricultural, coating, home & personal care and oil fields applications.



| Cationic Surfactant | | | |
|---|---------------------------------------|----------|----------------|
| Trade Name | Chemical Name | CAS No. | % |
| Quaternary Ammonium - Alkyltrimethyl | | | |
| FENTACARE® 1231 | Dodecyl Trimethyl Ammonium Chloride | 112-00-5 | 30, 37, 50, 70 |
| FENTACARE® 1631 | Hexadecyl Trimethyl Ammonium Chloride | 112-02-7 | 30, 50, 70 |
| FENTACARE® 1831 | Octadecyl Trimethyl Ammonium Chloride | 112-03-8 | 30, 50, 70 |

| Quaternary Ammonium -Dialkyldimethyl | | | |
|--------------------------------------|--|------------|--------|
| FENTACARE® D0821 | Diotyl Dimethyl Ammonium Chloride | 5538-94-3 | 50, 80 |
| FENTACARE® D8021 | Di(Octyl/Decyl)Dimethyl Ammonium Chloride | 68424-95-3 | 50, 80 |
| FENTACARE® D1021 | Diotyl Dimethyl Ammonium Chloride | 7173-51-5 | 50, 80 |
| FENTACARE® DC021-75 | Dicocoalkyl Dimethyl Ammonium Chloride | 61789-77-3 | 75+/-2 |
| FENTACARE® DHT21 | Dihydrogenated Tallow Dimethyl Ammonium Chloride | 61789-80-8 | 70, 75 |

| Quaternary Ammonium -Benzylalkyl | | | |
|----------------------------------|---|------------|------------|
| FENTACARE® 1227 C12 | Dodecyl Dimethyl Benzyl Ammonium Chloride | 139-07-1 | 40, 45, 80 |
| FENTACARE® 1227 C1214 | Dodecyl/Tetradecyl Benzyl Ammonium Chloride | 85409-22-9 | 40, 50, 80 |
| FENTACARE® 1227 MEG | Dodecyl/Tetradecyl Benzyl Ammonium Chloride | 85409-22-9 | 80 MEG |
| FENTACARE® 1227 W | Dodecyl/Tetradecyl Benzyl Ammonium Chloride | 85409-22-9 | 50 W |
| FENTACARE® 1227 C121416 | C12/C14/C16 Benzyl Ammonium Chloride | 68424-85-1 | 40, 50, 80 |
| FENTACARE® 1827 | Hydrogenated Tallow Benzyl Dimethyl Ammonium Chloride | 61789-72-8 | 30, 45, 75 |
| FENTACARE® D1817 | Di(Hydrogenated Tallow) Benzyl Methyl Ammonium Chloride | 61789-73-9 | 80-85 |

► Biocides ► Anti-Static Agents ► HPC Intermediates ► Organoclay Modifier ► Detergent Softener ► Emulsifying Agent

| Cationic Surfactant | | | |
|-------------------------|-----------------------------|------------|--------|
| Trade Name | Chemical Name | CAS No. | % |
| Fatty Amine Salt | | | |
| FENTAMINE® AC-HT | Hydrogenated Tallow Acetate | 61790-59-8 | 95-100 |
| FENTAMINE® AC-T | Tallow Amine Acetate | 61790-60-1 | 95-100 |
| FENTAMINE® AC-12 | Lauryl Amine Acetate | 2016-56-0 | 95-100 |

► Flotation Agent

| Amphoteric Surfactant | | | |
|-----------------------|---|------------|--------|
| Trade Name | Chemical Name | CAS No. | % |
| Amine Oxide | | | |
| FENTACARE® OA-12 | Lauryl Dimethyl Amine Oxide | 1643-20-5 | 30-32 |
| FENTACARE® OA-1214 | Dodecyl/Tetradecyl Dimethyl Amine Oxide | 85408-49-7 | 30-32 |
| FENTACARE® OA-14 | Teterdecyl Dimethyl Amine Oxide | 3332-27-2 | 24-26 |
| FENTACARE® OA-LAPO | Laurylamidopropyl Dimethylamine Oxide | 61792-31-2 | 30 |
| FENTACARE® OA-CAPO | Cocoamidopropyl Dimethylamine Oxide | 68155-09-9 | 30, 35 |
| FENTACARE® OA-TAPO | Tallowamidopropyl Dimethylamine Oxide | 68647-77-8 | 50 |

► Detergent
 ► Bactericide
 ► Home & Personal Care Intermediates: Shampoo, Bath, Cosmetics

| Betaines | | | |
|------------------|----------------------------|-------------|----------------|
| FENTACARE® BS-12 | Dodecyldimethyl Betaine | 683-10-3 | 30+/-1 |
| FENTACARE® CAPB | Cocoamidopropyl Betaine | 61789-40-0 | 30+/-1, 45+/-1 |
| FENTACARE® EAPB | Erucylamido Propyl Betaine | 581089-19-2 | 30+/-1 |

► Home & Personal Care Intermediates: Shampoo, Bath, Cosmetics

| Nonionic Surfactant | | | |
|------------------------|---|------------|-----|
| Trade Name | Chemical Name | CAS No. | % |
| Fatty Amine PEO | | | |
| FENTACARE® 1201 | N-(2-Hydroxyethyl)-laurylamine | 16613-87-9 | ≥97 |
| FENTACARE® 1202 | Bis (2-Hydroxyethyl) Lauryl amine | 1541-67-9 | ≥97 |
| FENTACARE® 1203 (30) | Lauryl Amine Ethoxylate Ether (3EO-30EO) | 1541-67-9 | ≥97 |
| FENTACARE® C02 | Bis (2- Hydroxyethyl) Cocoalkyl amine | 61791-31-9 | ≥97 |
| FENTACARE® C03 (30) | Coco Amine Ethoxylate Ether (3EO-30EO) | 61791-14-8 | ≥97 |
| FENTACARE® 1802 | Octadecyl Amine Ethoxylate Ether (2EO) | 10213-78-2 | ≥97 |
| FENTACARE® 1803 (30) | Octadecyl Amine Ethoxylate Ether (3EO-30EO) | 10213-78-2 | ≥97 |
| FENTACARE® T02 | Tallowalkyl amine Ethoxylate Ether (2EO) | 61791-26-2 | ≥97 |
| FENTACARE® T03 (30) | Tallowalkyl amine Ethoxylate Ether (3EO-30EO) | 61791-26-2 | ≥97 |
| FENTACARE® HT02 | Bis (2- Hydroxyethyl) hydrogenated tallow amine | 61790-82-7 | ≥97 |
| FENTACARE® HT03 (30) | Hydrogenated Tallow Amine Ethoxylate Ether (3EO-30EO) | 61790-82-7 | ≥97 |
| FENTACARE® O02 | Bis (2- Hydroxyethyl) Oleyl amine | 13127-82-7 | ≥97 |

- ▶ Emulsifier
- ▶ Antistatic agent
- ▶ Dispersing agent

Solvay Amines Product Facility

Our fatty amines and functional amines are developed and produced in Solvay's China plants which are located in Zhangjiagang, Zhuhai and Zhuhai.

Our state-of-the-art R&D facilities, production units, highly trained employees and most importantly, our years of experience have enabled us to effectively provide innovative solutions and business opportunities to suit our clients ever changing needs.



