



**INDO
AMINES
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Anticaking | Floatation

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FATTY AMINES

NAME	CAS.NO	BRAND NAME	APPEARANCE	TOTAL AMINE VALUE mg KOH/g	% PRIMARY AMINE	IODINE VALUE, gI2/100g	APPLICATION
Tallow amine	68037-95-6	IAL TAD	White to pale yellowish pasty liquid	205 – 220	99.0 Min	40 – 55	Ore Type - Potash - Anticaking agent Ore Type - Feldspar - Effective for Flouride systems Ore Type - Spodumene -Performs reverse flotation to remove mica & feldspar
Coco amine	61788-46-3	IAL CAD	Colorless to pale yellow liquid	270 – 290	99 Min	12 Max	Ore Type - Zinc Oxide - Effective collector for zinc flotation, especially smithsonite & welliemitite Ore Type - Kaolin - Cationic collector for direct flotation of kaolin
Oleyl amine	1213789- 63-9	IAL OAD	Colourless to pale yellow liquid	200 – 215	99.0 Min	80 Min	Ore Type - Kaolin - Cationic collector for direct flotation of kaolin

FATTY DIAMINES

NAME	CAS.NO	BRAND NAME	APPEARANCE	TOTAL AMINE VALUE mg KOH/g	DIAMINE CONTENT	IODINE VALUE, gI2/100g	APPLICATION
Tallow diamine	61791-55-7	IAL TDA	Yellow to amber Pasty Solid	325 – 355	90.0 Min	30.0 Min	Ore Type - Wollastonite - Performs direct flotation where impurities are carbonates
NAME	CAS.NO	BRAND NAME	APPEARANCE	TOTAL AMINE VALUE mg KOH/g	% PRIMARY AMINE	IODINE VALUE,gI2/100g	APPLICATION
Hydrogenated tallow amine	90640-32-7	IAL HTAD	White Solid/ Flakes/ Powder/ Granules	200 – 215	99.0 min	3.0 Max	Ore Type - Potash - Slyvite flotation Ore Type - Potash - Anticaking agent
Hydrogenated tallow amine 30 EO	61790-82-7	INDOEMUL HTA 30	Yellow brown solid	30.0 – 40.0	99.0 min	-----	Ore Type - Potash - Slime flotation collector

ETHER AMINES

NAME	CAS.NO	BRAND NAME	APPEARANCE	TOTAL AMINE VALUE mg KOH/g	COLOR (GARDNER)	MOISTURE CONTENT,% (BY KF)	APPLICATION
Isodecyloxypropyl-1,3- diaminopropane	72162-46-0	IAL 10OPDA	Pale yellow to Amber color liquid	370.0 Min	5 Max	0.5 Max.	Phosphate rock - Flotation agent
Isodecyloxypropyl amine	30113-45-2	IAL 10OPA	Pale yellow to Amber color liquid	243.0 Min	5 Max	0.5 Max.	Phosphate rock - Flotation agent