

NASACO FROTHERS PRODUCT RANGE

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NASACO
solutions for flotation

YOUR RELIABLE PARTNER FOR THE SUPPLY OF TECHNICALLY SUPERIOR MINERALS & SPECIALTY CHEMICALS

| Generic Type | Product | Features | Benefits | Application | | | | | |
|----------------------|---------------|--|---|-------------|-------|-----|------|------|-------|
| | | | | Copper | Pb/Zn | NiS | Gold | Coal | Other |
| ALCOHOLS | Nasfroth 620 | MIBC Frother | Works well as an all round alcohol frother | X | X | | | | |
| | Nasfroth 501 | Low Molecular weight alcohol frother | Gives excellent froth performance, especially in coal flotation good for fine particle flotation. | X | X | | X | | |
| | Nasfroth 349 | Alternative/replacement for MIBC. | Gives excellent kinetic recovery with improved equilibrium recovery. | X | | | | | |
| GLYCOL ETHERS | Nasfroth 240 | Weakest glycol ether frother but stronger than MIBC. It is dispersible in water (often used as a 50/50 blend) | Can be used to replace MIBC. Not flammable | X | X | | | X | |
| | Nasfroth 250 | A medium molecular weight polypropylene glycol frother, most commonly recommended as a start-up frother. With good combination of strength and kinetics. | Good all round frother | X | | X | | X | |
| | Nasfroth 245 | Stronger frother than Nasfroth 240 | Good for polymetallic flotation | X | X | | | | |
| | Nasfroth 301 | Strong frother | Good for coarse particle flotation. Good for carbon flotation (graphite) | X | | | | X | X |
| | Nasfroth 531 | Strong frother | Good for coarse particle flotation. Good for lithium flotation | X | | | | X | X |
| | Nasfroth 1012 | A strong polypropylene glycol frother for medium to large particle size (100 to 300 microns) flotation. | Good for base metal sulphides. Care to be taken with dewatering as it may entrain water in the flotation concentrate. | X | | | | | |
| PPG GLYCOLS | Nasfroth 470 | High molecular weight PPG frother | Strong frother good for coarse particle flotation | X | | X | | | |
| FORMULATIONS | Nasfroth 102 | Coarse particle glycol ether frother with good kinetic and equilibrium recovery. | Coarse particle glycol ether frother with good kinetic and equilibrium recovery. | X | | | | | |
| | Nasfroth 350 | Strong frother with good coarse particle flotation characteristics without detriment to grade with fast kinetics. | Good for medium size particle flotation. | X | | | | | |
| | Nasfroth 70 | A frother that gives good kinetic and equilibrium recovery whilst maintaining selectivity of the float. | Particularly good for Copper / Moly flotation | X | | | | | |

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| | | | | Copper | Pb/Zn | NiS | Gold | Coal | Other | |
| | Nasfroth 540 | Composed of higher alcohols, esters and glycol ethers formulated with to give a tough yet easily breaking froth. FLAMMABLE | Used in fine grinding situations where high selectivity is required. It can be used in all precious metal and sulphide mineral flotation systems and is a suitable replacement for MIBC type frothers. It is not recommended for use in non-metallic flotation such as coal or fluorspar. | | X | | | | | |
| | Nasfroth 410 | Glycol Alcohol blend | Good for medium fine particle flotation | X | X | X | | | | |
| | Nasfroth 420 | Glycol Alcohol blend | Good for medium and coarse particle flotation | X | X | X | | | | |
| | Nasfroth 430 | Glycol Alcohol blend | Good for medium and coarse particle flotation | X | | X | | | | |
| | Nasfroth 440 | Glycol Alcohol blend | Good for coarse particle flotation | X | | X | | | | |
| COAL FLOTATION PROMOTERS | Nasmin AP7 | A coal flotation additive/promoter which is added to the standard collector prior to addition to the coal slurry. | Improves yield and reduces overall collector dosage. | | | | | | X | X |



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Contact **Ashley Stewart** or **Jon Hilder** at Filchem for further information about the Nasaco Frother product range for the mining industry.

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