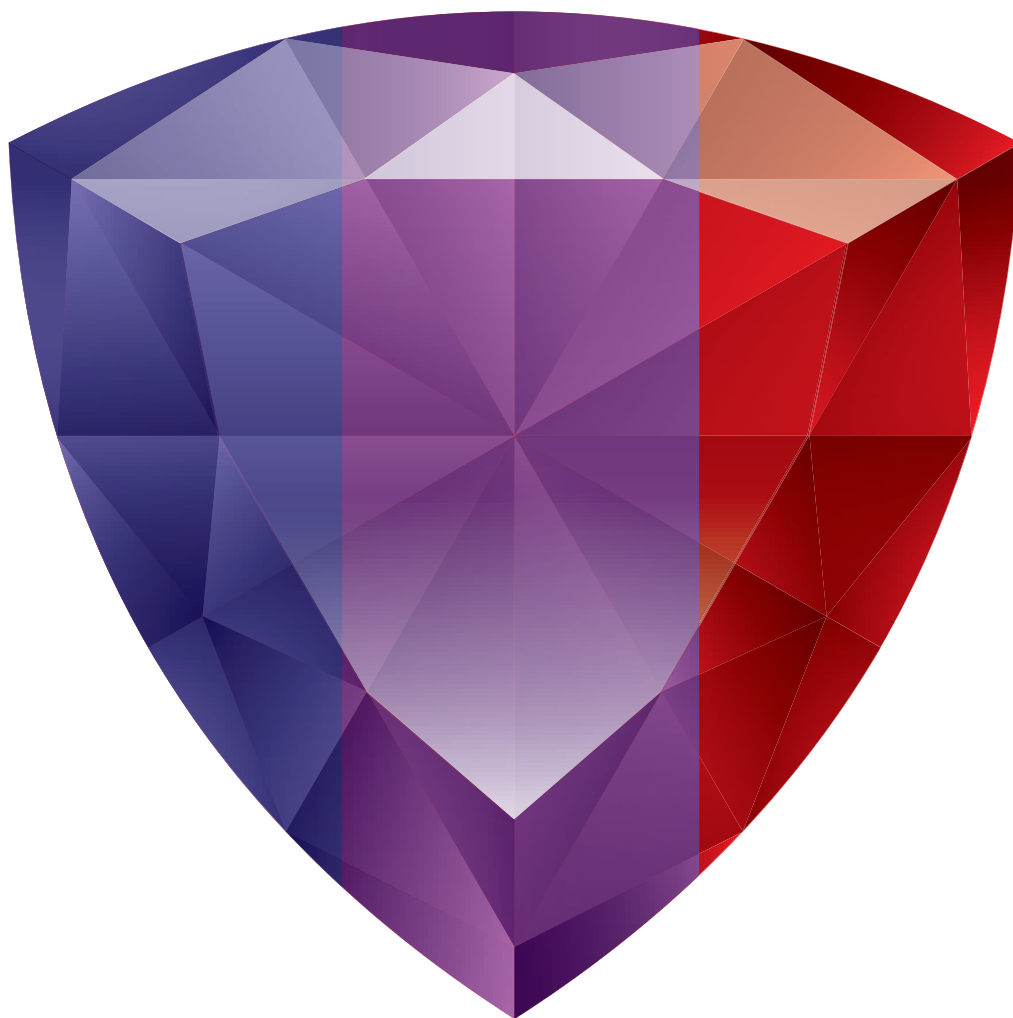


CLEANING-IN-PLACE DETERGENTS

FOR THE REMOVAL OF RESIDUES PRESENT IN THE PRODUCTION PROCESS



Crystal[™]

CLEANING-IN-PLACE DETERGENTS

FOR THE REMOVAL OF RESIDUES PRESENT IN THE PRODUCTION PROCESS

AMETHYST

CIP ALKALINE DETERGENT



A non-foaming, medium duty caustic based CIP detergent for the removal of organic soils, including fats and oils.

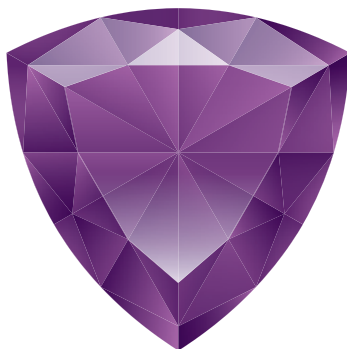
RECOMMENDED USE: Areas of use include equipment such as CIP and spray wash enclosed systems. Amethyst is not soft metal safe, but is suitable for use on stainless steel.

RECOMMENDED DILUTION: Between 1% – 5% v/v.

PRODUCT TESTS CONDUCTED: Shelf-life testing, On-site analytical method, HPLC (or similar) – High Performance Liquid Chromatography, TOC – Total Organic Carbon, Rinsability Graph, Conductivity Graph, Corrosion Studies, LD50 – Lethal Dose 50, COD – Chemical Oxygen Demand, Nitrogen / Phosphorous content.

TOPAZ

CIP ALKALINE DETERGENT



A non-foaming, heavy duty caustic based CIP detergent for the removal of organic soils, including fats and oils.

RECOMMENDED USE: Areas of use include equipment such as CIP and spray wash enclosed systems. Topaz is not soft metal safe, but is suitable for use on stainless steel

RECOMMENDED DILUTION: Between 0.5% – 5% v/v.

PRODUCT TESTS CONDUCTED: Shelf-life testing, On-site analytical method, HPLC (or similar) – High Performance Liquid Chromatography, TOC – Total Organic Carbon, Rinsability Graph, Conductivity Graph, Corrosion Studies, LD50 – Lethal Dose 50, COD – Chemical Oxygen Demand, Nitrogen / Phosphorous content.

RUBY

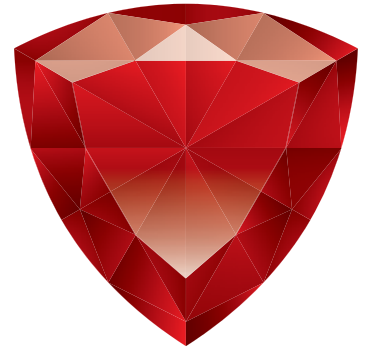
CIP ACIDIC DETERGENT

A non-foaming, heavy duty phosphoric acid based CIP detergent for the removal of organic and inorganic soils.

RECOMMENDED USE: Ruby is purposely formulated to remove mineral and calcium based deposits. This non-foaming detergent is specifically for use in CIP and spray wash enclosed systems and is therefore suitable for use on stainless steel.

RECOMMENDED DILUTION: Between 0.5% – 5% v/v.

PRODUCT TESTS CONDUCTED: Shelf-life testing, On-site analytical method, HPLC – High Performance Liquid Chromatography, TOC – Total Organic Carbon, Rinsability Graph, Conductivity Graph, Corrosion Studies, LD50 – Lethal Dose 50, COD - Chemical Oxygen Demand, Nitrogen / Phosphorous content.



PRODUCT OPTIONS



20L - CRY407



1000L - CRY406



20L - CRY401
1000L - CRY403

Each Crystel product comes with its own technical file, Certificate of Analysis, Certificates of Sterility and Certificates of Irradiation.

Tristel

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We have chemistry