

# Technical Bulletin

# Hydrakleen

## Multi-Purpose Solvent Detergent

### Product Description:

HYDRAKLEEN is a fluorescent yellow/green clear liquid. It is dilutable with water to form solutions, non-toxic, non-flammable, leaves no after odours, has no fumes. HYDRAKLEEN is described as a "Safety Solvent" quick break detergent and has been tested to break within the 10 minute parameter. To perform satisfactorily in removal of all the aforementioned soils, a cleaner must exhibit a rare combination of several vital factors. These factors in HYDRAKLEEN are:

- Unique ability in floating off many stubborn soils with absolute simplicity by a quick wipe-on-wipe off process.
- More versatile than any other cleaner in removing a very wide range of stains.
- Completely non-flammable. Eliminates fire hazards of cleaning with petroleum solvents.
- Dilutes with water - quick break detergency in "grease arresters".
- Corrosion safe on all hard surfaces including aluminium, magnesium, plastics etc.
- Non-toxic and no fumes.
- Not classified as a dangerous good for transport.
- No after odours, therefore, particularly suitable for the food industry, hospitals etc.
- Extremely wide range of applications in industry.

### Application:

HYDRAKLEEN can be used in oil separators with coalescing plates or entrapment tanks with water polishing chambers. HYDRAKLEEN removes grime, oil, grease, lubricating oil stains, tobacco stain deposits (wall, ceiling etc.), exhaust stains, oily smut, ink and pencil markings, soot and light carbon deposits, soap scum, cutting oil stains, lipstick, blood stains.

Exhaust stains	undiluted or 1 to 1 water
Oil & Grease	1 part to 4 parts water
General exterior cleaning	up to 1 to 20 parts water
Kitchen Floors (Mop & Bucket)	1 part to 70 parts water
Plastic headliners	1 part to 10 parts water
Carpets & upholstery	1 part to 5 parts water
Bug removal from windows	1 part to 20 parts water
Window cleaning	1 part to 50 parts water

HYDRAKLEEN is safe on all metals, upholstery, paint (except water based), plastics, wood, glass, all floor coverings, rubber, linoleum, asbestos vinyl, resilient vinyl, cork, porcelain and clothing.

### Food Safety Statement/Fitness For Purpose:

With regard to the use of this product as a cleaner and / or sanitiser that may have incidental contact with food:

- 1) The raw materials / ingredients of this product are permitted as 'processing aids' as listed under clause 12 of the Food Standard Code 1.3.3 (Food Standards Australia New Zealand FSANZ) or
- 2) Are Generally Regarded As Safe (GRAS) according to the US Food and Drug Administration (FDA) or are recognised in the US Code of Federal Regulations (CFR) Title 21 part 178 as indirect food additives.
- 3) An FFP - Fit For Purpose Statement is available for this product when used in an export meat facility.

When used in accordance with the directions described in this product technical bulletin, this product complies with these recognised food safety parameters.

**SHELF LIFE:** As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.