



# Citrus Based Industrial Cleaner

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## Product Data Sheet

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Updated : November 1993  
Supersedes : April 1992

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### Product Description

3M Industrial Cleaner is a heavy duty cleaner/degreaser that works effectively on difficult to remove substances such as many dried, non-curing adhesives, tape residues, grease, oils and dirt.

The cleaner is based on a citrus oil and does not contain chlorinated compounds or petroleum distillate solvents.

The cleaner emulsifies when flushed with water.

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### Physical Properties

Not for specification purposes

|                       |  |
|-----------------------|--|
| <b>Base</b>           | Citrus Based Oil   |
| <b>Flash Point</b>    | -46°C  |
| <b>Propellant</b>     | Propane  |
| <b>Solids Content</b> | 0%   |
| <b>Colour</b>         | Clear  |
| <b>Shelf Life</b>     | 12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity |

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### Performance

#### Characteristics

Not for specification purposes

As a general guide to the effectiveness of 3M Industrial Cleaner, the following shows the performance in removing a range of 3M Tapes and Adhesive products.

**Key:** 1 **Excellent**  
2 **Good**  
3 **Average**  
4 **Difficult**  
5 **Not Suitable**

| Adhesive/Tape                     | Effectiveness |       |
|-----------------------------------|---------------|-------|
|                                   | Wet           | Cured |
| <b>Neoprene:</b>                  |               |       |
| FASTBOND 10 Adhesive              | 2             | 3     |
| Scotch-Grip Rubber Adhesive 1888V | 3             | 4     |
| Scotch-Grip Spray Adhesive 80     | 2             | 3     |
| <b>Nitrile:</b>                   |               |       |
| Scotch-Grip Vinyl Adhesive 1099   | 3             | 4     |

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| Adhesive/Tape                            | Effectiveness |       |
|--|---------------|-------|
|  | Wet           | Cured |
| <b>SBR:</b>                              |               |       |
| Scotch-Grip Spray Adhesive 76            | 1             | 2     |
| Scotch-Grip Spray Adhesive 90            | 1             | 2     |
| Scotch-Grip Spray Adhesive 77            | 1             | 2     |
| Scotch-Grip Insulation Adhesive 34       | 1             | 2     |
| <b>Acrylic Tape:</b>                     |               |       |
| 927 Adhesive Transfer Tape               | 3             | 3     |
| 465 Adhesive Transfer Tape               | 3             | 3     |
| <b>Acrylic (Thermoset):</b>              |               |       |
| Scotch-Weld Adhesive DP801               | 2             | 5     |
| <b>Epoxy (Thermoset):</b>                |               |       |
| Scotch-Weld Structural Adhesive 2216 B/A | 1             | 5     |
| <b>Polyurethane (Thermoset):</b>         |               |       |
| Scotch-Weld Structural Adhesive 3532 B/A | 2             | 5     |
| Scotch-Weld Cyanoacrylate Adhesive E1100 | 2             | 5     |
| <b>Ethyl Vinyl Acetate:</b>              |               |       |
| Jet-melt Adhesive 3792                   | 5             | 5     |
| Jet-melt Adhesive 3738                   | 5             | 5     |
| <b>Synthetic Rubber Tape:</b>            |               |       |
| 9308 UPVC Carrier Rubber Adhesive        | 2             | 2     |

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#### Application Characteristics

**Adhesive Removal:**  
When adhesives are still wet/uncured they will be easier to remove than when the adhesives have thoroughly dried or cured.

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#### Directions for Use

3M Industrial Cleaner is applied in a similar way to most aerosol products.

Test for suitability on all surfaces before full use.

Best results are obtained when product is at room temperature.

Shake can well, for at least 5 seconds.

Turn Spray tip so arrow points to dot on can rim.

Thoroughly coat all grease, grime, etc. on the surfaces or parts being cleaned.

Wait for a few minutes for complete penetration and loosening action.

Wipe thoroughly with a clean cloth (if desired, wipe with a damp cloth or rinse surface with water).

**NB:** When removing adhesives it may be necessary to repeat application.

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### Additional Product Information

The surfactant in 3M Industrial Cleaner complies with the EEC biodegradability requirements for non-ionic surfactants as laid down in Directive 82/242/EEC.

Does not contribute to ozone depletion.

For additional information please contact your local 3M Sales Representative via the Manchester Sales Office below.

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### Health and Safety Information

**Precautions:**  
Highly flammable. Irritating to skin. May cause eye and respiratory irritation. Keep away from sources of ignition - No Smoking. Avoid prolonged breathing of vapours/spray. Use only in well ventilated areas. Avoid prolonged or repeated contact with the skin. Do not spray directly into eyes.  
**Keep out of reach of children!**

#### First Aid:

**Eye Contact:**  
Rinse immediately with plenty of water and seek medical advice.

**Skin Contact:**  
Wash with soap and water.

**WARNING!**  
**Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on naked flame or incandescent material.**

For further Health and Safety information, please contact the Toxicology Department at Bracknell Head Office on (0344) 858000.

3M is a trademark of the 3M Company.

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



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