



## SAFETY DATA SHEET

### Yellow 77<sup>®</sup> Wire Pulling Lubricant

Issue Date: 29/05/2013

Revision: 1.03eu

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#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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##### 1.1 Product identifier

Product name: Yellow 77  
Product number: 31-351 / 31-355 / 31-358 / 31-365

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Cable/wire pulling lubricant  
Uses advised against: None known

##### 1.3 Details of the supplier of the safety data sheet

Company: IDEAL INDUSTRIES Limited  
Unit 3, Europa Court  
Europa Boulevard  
Westbrook  
Warrington  
Cheshire  
WA5 7TN  
United Kingdom  
Homepage: [www.idealindustries.co.uk](http://www.idealindustries.co.uk)  
Telephone: +44 (0)1925 444446  
Email: [reach@idealnwd.com](mailto:reach@idealnwd.com)

##### 1.4 Emergency telephone number

National Poisons Information Service: In England and Wales (NHS Direct): **0845 4647**  
In Scotland (NHS 24): **08454 242424**

In other regions contact your local poison control centre.

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#### SECTION 2: HAZARDS IDENTIFICATION

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This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. However a safety data sheet is being supplied for it on request.

##### 2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]: Not classified  
2.1.2 Classification according to Directive 1999/45/EC: Not classified

##### 2.2 Label elements

Labelling according to Directive 1999/45/EC:  
Hazard symbols: None  
Risk Phrases: None  
Safety Phrases: None

**SAFETY DATA SHEET****Yellow 77® Wire Pulling Lubricant****2.3 Other hazards**

This product is electrically conductive. When applied to electrical cables sufficient drying time must be allowed before energising the circuit. Wet product must not be allowed to contact live electrical equipment.

Upon prolonged contact, may cause temporary eye discomfort.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS****3.2 Mixtures**

CAS #	EC#	%W	Chemical Name	Risk Phrases
7732-18-5	231-791-2	<90	Water	None
8009-03-8	232-373-2	<11	Petrolatum	T; R45 **
9005-08-7	EU Polymer Exempt	<4	Polyethylene Glycol Ester	None
61791-44-4	263-177-5	<1	Ethoxylated Tallow Amine	Xn; R22, C; R34/R43, N; R50
8042-47-5	232-455-8	<1	Acrylamide Sodium Acrylate	Not Classified
24838-91-8	N/A		Copolymer with Trideceth-6	
91-64-5	202-086-7	<0.1	Coumarin Aromatic/ Balsam Peru Aromatic	Not Classified
8007-00-9	232-352-8		(Perfume)	
52-51-7	200-143-0	<0.1	Bronopol (Antimicrobial Agent)	Xn; R21/22, Xi; R37/38-41,N; R50
1934-21-0	217-699-5	<0.1	Acid Yellow 23 (Colouring Agent)	Not Classified

\*\* This component has been tested by Supplier. According to Supplier, the component complies with the criteria of Note N in Annex I of 67/548/EEC, and is exempt from a classification of T; R45.

Substances of Very High Concern (SVHC) are not contained in this product or are below 0.1%.

For an explanation of the listed risk phrase refer to section 16.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

- Inhalation: Move the exposed person to fresh air. If breathing is difficult, properly trained personnel may assist the affected person by administering oxygen.
- Skin contact: Immediately remove excess lubricant and contaminated clothing; thoroughly wash contaminated skin with mild soap and water. If irritation persists after washing seek medical attention. Clean contaminated clothing before reuse.
- Eye contact: Thoroughly flush eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting upper and lower eye lids. If irritation persists, seek medical attention.
- Ingestion: Induce vomiting. Consult a physician or poison information service immediately.

**4.2 Most important symptoms and effects, both acute and delayed**

Irritant effects to skin and eyes.

**4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SAFETY DATA SHEET****Yellow 77® Wire Pulling Lubricant**

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**SECTION 5: FIRE FIGHTING MEASURES**

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**5.1 Extinguishing media**

Suitable extinguishing media: Use dry powder, carbon dioxide, foam or water-based fire extinguishers – whichever is most suitable for surrounding media

**5.2 Special hazards arising from the substance or mixture**

Hazardous combustion products: Unknown risk of formation of toxic pyrolysis products.

**5.3 Advice for fire-fighters**

Special fire fighting procedures: Use self-contained respiratory protection. Keep fire exposed containers cool with water.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**6.1 Personal precautions, protective equipment and emergency procedures**

High slippage risk from leaked or spilled product.  
Wear safety glasses or goggles to help avoid contact with eyes.

**6.2 Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

**6.3 Methods and material for containment and cleaning up**

Wipe up with absorbent material, shovel or vacuum spilled product. Dispose of waste in accordance with local regulations.

**6.4 Reference to other sections**

See sections 8 & 13.

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**SECTION 7: HANDLING AND STORAGE**

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**7.1 Precautions for safe handling**

Avoid contact with eyes and skin.  
Ensure adequate ventilation of the working area. Mechanical ventilation recommended in closed areas.  
This product is electrically conductive when applied. Allow sufficient drying time before energising the circuit.  
Do not allow wet product to come in contact with live electrical equipment.

**7.2 Conditions for safe storage, including any incompatibilities**

Store at temperatures between 4° C - 49° C. Avoid freezing.  
Keep containers tightly closed and away from infants and pets.  
Shelf life: 5+ years.

**7.3 Specific end use(s)**

See product use, section 1.2.

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**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**8.1 Control parameters**

Ingredient comments: Not applicable – no exposure limits noted.

**8.2 Exposure controls**

Eye & face protection: Approved safety glasses or splash goggles. Eye bath or fountain in work area is recommended.

Skin protection: None normally needed

Hand protection: Neoprene gloves if required.

Other skin protection: Wash hands before breaks and after work.

Respiratory protection: None normally required. Ensure adequate ventilation of work area.

Thermal hazards: No information available.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**9.1 Information on basic physical and chemical properties**

Description: Water-Wax Emulsion  
Colour: Yellow  
Boiling Point: 100° C (212° F.)  
Water Solubility: 100%  
pH: 7.0 – 8.5  
Vapour Density: N/A  
Vapour Pressure: N/A  
Evaporation Rate: N/A  
% Volatile: <90%  
% Non-Volatile: >10%  
% Water Content: <90%  
Specific Gravity: 0.98  
Voc: 2.7 gms. / ltr.

**9.2 Other information**

None.

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**SECTION 10: STABILITY AND REACTIVITY**

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**10.1 Reactivity**

No dangerous reactions known if used as directed.

**10.2 Chemical stability**

Stable under normal temperature conditions

**10.3 Possibility of dangerous reactions**

Avoid strong oxidising agents.

**SAFETY DATA SHEET****Yellow 77® Wire Pulling Lubricant****10.4 Conditions to avoid**

Strong heating.

**10.5 Incompatible materials**

Strong oxidising agents.

**10.6 Hazardous decomposition products**

Excessive heat & burning may release oxides of carbon and nitrogen.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

Acute toxicity:	No specific health warnings noted.
Skin corrosion/irritation:	No specific health warnings noted.
Serious eye damage/irritation:	May cause temporary eye irritation.
Respiratory or skin sensitisation:	No specific health warnings noted.
Germ cell mutagenicity:	Not determined.
Carcinogenicity:	Not determined.
Reproductive toxicity:	Not determined.
STOT-single exposure:	Not determined.
STOT-repeated exposure:	Not determined.
Aspiration hazard:	If product is used in extreme heat (>49° C), prolonged and repeated exposure could pose a risk of pulmonary disease. Exposure below mist TLV (5mg/m) appears to be without risk.
General remarks:	Toxicological data on complete product is not available.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

General: The full ecotoxicological profile of this product has not been evaluated. Do not contaminate the environment.

**Bronopol:** LC<sub>50</sub> 96h, Rainbow Trout 41.2 mg/l  
(CAS #: 52-51-7) EC<sub>50</sub> 48h, Daphnia 1.4 mg/l  
LC<sub>50</sub> 96h, Bluegill Sunfish 35.7 mg/l  
EC<sub>50</sub> 72h, Fresh water algae 0.4 – 2.8mg/l

**Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.:** LC<sub>50</sub> 96h, Zebrafish 0.28 mg/l  
(CAS#: 61791-44-4)

The toxicity data pertaining to the product ingredients listed above was supplied by the manufacturers of these raw materials.

**SAFETY DATA SHEET****Yellow 77® Wire Pulling Lubricant****12.2 Persistence and degradability**

Behaviour in environment compartments:	Not determined
Behaviour in sewage plant:	Not determined
Biological degradability:	Not determined

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

Soluble in water.

**12.5 Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**12.6 Other adverse effects**

None known.

When supplied, used and disposed of as directed this product is not expected to present a danger to the environment.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**13.1 Waste treatment methods**

General:	Comply with EU and local regulations for solid landfill. For further advice about disposal in the UK, contact the local office of the Environment Agency (England and Wales) or Scottish Environment Protection Agency. Local rate from anywhere in the UK: +44 (0) 870 850 6506
Status:	General solid waste, non-hazardous
Contaminated packaging:	Not recommended for recycling.

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**SECTION 14: TRANSPORT INFORMATION**

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**14.1 UN number**

Not classified

**14.2 UN proper shipping name**

Air (IATA/ICAO):	Not classified as "Dangerous Goods"
Sea (IMDG/IMO):	Not classified as "Dangerous Goods"
Road (ADR)/Rail (RID):	Not classified as "Dangerous Goods"

**14.3 Transport hazard class(es)**

Not applicable.

**14.4 Packing group**

Not applicable.

**SAFETY DATA SHEET****Yellow 77® Wire Pulling Lubricant****14.5 Environmental hazards**

Not applicable.

**14.6 Special precautions for user**

See relevant information under sections 6 to 8.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code"**

Not applicable.

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**SECTION 15: REGULATORY INFORMATION**

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**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1907/2006 (REACH), European Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures, European Directives 67/548, 689/2008 and 98/8/EC.

**15.2 Chemical safety assessment**

No chemical safety assessment has been carried out.

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**SECTION 16: OTHER INFORMATION**

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**16.1 R-phrases (section 3)**

R21/R22 : Harmful in contact with skin and if swallowed.

R22 - Harmful if swallowed

R34 - Causes burns

R37/38 - Irritating to respiratory system and skin

R41 : Risk of serious damage to eyes.

R43 - May cause sensitisation by skin contact

R45 : May cause cancer.

R50 - Very toxic to aquatic organisms

Hazard abbreviations:

T – Toxic

N – Dangerous for the environment

C – Corrosive

Xi – Irritant

Xn – Harmful

Note: : The risk phrases itemised above are those relating to concentrated forms of the raw materials used in this product and are not necessarily applicable to the finished product.

**16.4 Other information**

This safety data sheet was prepared in accordance with Revision of Annex II of Regulation (EC) No 1907/2006 (REACH). Previously dated sheets are invalid & inapplicable.

The information given on this Safety Data Sheet does not constitute an assessment in accordance with Control of Substances to Health (COSHH) Regulations 2002, in the UK.

The information and recommendations contained herein are based upon data believed to be correct at the date of publication. No guarantee is made to its accuracy. No warranty of any kind expressed or implied, is made with respect to the information contained herein.

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