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NZ Distributer:

Wyatt Machine Tools (Rupes) NZ Ltd

388 Church St, Penrose, AKL,1061

P: (09)525-1000 F:(09)525-1009

NZ Emergency:0800 992 881

0800WYATT1

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Hazardous according to criteria of Australian Safety and Compensation Council

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: **EN 6700 ACCELERATOR**

Article number: 396

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

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

Product category PC9a Coatings and paints, thinners, paint removers

Process category

PROC8a Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

Environmental release category ERC2 Formulation of preparations

Article category AC1 Vehicles

Application of the substance / the mixture

Quenchant

Surface protection

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

Manufacturer/Supplier:

EN CHEMICALS S.A

57 009 KALOCHORI

THESSALONIKI, GREECE

Ph: +30 2310 755 428

email: sales@enchemicals.com

Further information obtainable from:

EN CHEMICALS S.A

57 009 KALOCHORI

THESSALONIKI, GREECE

Ph: +30 2310 755 428

email: sales@enchemicals.com

### 1.4 Emergency telephone number:

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zeland 0800 764 766.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



flame

Flam. Liq. 3 H226 Flammable liquid and vapour.

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corrosion

Eye Dam. 1 H318 Causes serious eye damage.



Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

R10-67: Flammable. Vapours may cause drowsiness and dizziness.

**Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

**Classification system:**

The classification is according to the latest editions of the EU-lists adapting Directive 67/548/EEC on the classification, packaging and labelling of dangerous substances and extended by company and literature data.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS02

GHS05

GHS07

Signal word Danger

**Hazard-determining components of labelling:**

n-butyl acetate

Triethylendiamin

**Hazard statements**

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Information concerning particular hazards for human and environment:****Safety phrases:**

16 Keep away from sources of ignition - No smoking.

25 Avoid contact with eyes.

28 After contact with skin, wash immediately with plenty of water.

29 Do not empty into drains.

43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

60 This material and its container must be disposed of as hazardous waste.

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**2.3 Other hazards****Results of PBT and vPvB assessment**

This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT). This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

**PBT:** Not applicable.

**vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures**

**Description:** Mixture of hazardous substances

**Dangerous components:**

CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1	n-butyl acetate	R10-66-67 ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	80 - <90%
CAS: 280-57-9 EINECS: 205-999-9	Triethylendiamin	C R34 Xn R22 ⚠ Skin Corr. 1B, H314 ⚠ Acute Tox. 4, H302	2.5 - <5%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Immediately rinse with water.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

General aqueous film forming foam, Carbon dioxide (CO<sub>2</sub>), dry chemical extinguishing powder or water spray. Do not use water.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.**Hazardous combustion products**

Fire will produce a dense black smoke containing hazardous decomposition by products. Exposure to those may be a hazard to health.

**5.3 Advice for firefighters**

Firefighters should always protective equipment and breathing apparatus when handling fire coming from these products

**Special protective equipment and fire fighting procedures:**

Firefighters should wear full protective flameproof clothing and self contained breathing apparatus for the firefighter if necessary. In the event of any fire try cool down the tanks with water spray. If possible do not allow the water used by firefighters to enter the drains or come in any contact with the water supply lines for the public. Always seek as appropriate.

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Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Do not flush with water or aqueous cleansing agents

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling** Keep away from heat and direct sunlight.**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:**

As general storage guide: store separately from oxidizing agents and strongly alkaline and strongly acidic materials. Do not store together with explosives, gases, oxidizing solids, products which form flammable gases in contact with water, oxidizing products, infectious products and radioactive products.

**Further information about storage conditions:** Keep container tightly sealed.**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection**

Additional information about design of technical facilities: No further data; see item 7.

**8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

123-86-4 n-butyl acetate	
NES (Australia)	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 713 mg/m <sup>3</sup> , 150 ppm
WEL (Great Britain)	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm

Additional information: The lists valid during the making were used as basis.

**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:** Wash hands before breaks and at the end of work.**Respiratory protection:** Not required.**Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:

The breakthrough time of gloves is unknown for this product itself. The glove material that can be used is recommended on the basis of the different substances in the preparation.

For the permanent contact gloves made of the following materials are suitable:

Fluorocarbon rubber (Viton)

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Rubber gloves

**Eye protection:**

Tightly sealed goggles

**Body protection:** Protective work clothing**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:****Form:**

Fluid

**Colour:**

According to product specification

**Odour:**

Characteristic

**Odour threshold:**

Not determined.

**pH-value:**

Not determined.

**Change in condition****Melting point/Melting range:**

Undetermined.

**Boiling point/Boiling range:**

124 °C

**Flash point:**

21 - 55 °C

**Flammability (solid, gaseous):**

Not applicable.

**Autoignition temperature:**

370 °C

**Decomposition temperature:**

Not determined.

**Self-igniting:**

Product is not selfigniting.

**Danger of explosion:**

Risk of explosion by shock, friction, fire or other sources of ignition.

**Explosion limits:****Lower:**

1.2 Vol %

**Upper:**

7.5 Vol %

**Vapour pressure at 20 °C:**

10.7 hPa

**Density at 20 °C:**0.91055 g/cm<sup>3</sup>**Relative density**

Not determined.

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Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	85.0 %
VOC (EC)	774.0 g/l
Solids content (volume):	5.0 %
9.2 Other information	No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity****10.2 Chemical stability**

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** No dangerous decomposition products known.**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

## Acute toxicity:

## LD/LC50 values relevant for classification:

## ATE (Acute Toxicity Estimates)

Oral	LD50	34343 mg/kg (rat)
Inhalative	LC50/4 h	24.7 mg/l (rat)
123-86-4 n-butyl acetate		
Oral	LD50	13100 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21.0 mg/l (rat)
280-57-9 Triethylendiamin		
Oral	LD50	1700 mg/kg (rat)

## Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitisation: No sensitising effects known.

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**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:**

This product is not toxic for the aquatic life. Nevertheless do not dispose the product or any cleaning solvents used along with this product into the sea

**12.2 Persistence and degradability**

This product contains polyesteric molecules and organic solvents and is not known to be bioaccumulative. It can be considered as biodegradable in small quantities. In case of disposal, it should be treated as a hazardous material and should be disposed accordingly. Do not just throw it away

**12.3 Bioaccumulative potential**

This product is not known to have bioaccumulative potentials. It should not be disposed in areas where living organisms could consume. Dispose it as a hazardous material according to local laws and legislations

**12.4 Mobility in soil**

This product is not considered to present any mobility in soil. Do not dispose it in the soil and treat it as a hazardous product according to local laws and legislations.

**Additional ecological information:****General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12.5 Results of PBT and vPvB assessment**

**PBT:** This product contains no substance that is considered to be persistent, bioaccumulating or non toxic (PBT).

**vPvB:** This mixture contains no substance that is considered to be very persistent or very bioaccumulating (vPvB).

**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

**Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information****14.1 UN-Number**

ADG, IMDG, IATA

UN1263

**14.2 UN proper shipping name**

ADG

1263 PAINT, special provision 640E

IMDG, IATA

PAINT

**14.3 Transport hazard class(es)**

ADG



Class  
Label

3 (F1) Flammable liquids.

3

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## IMDG, IATA



Class	3 Flammable liquids.
Label	3

14.4 Packing group	
ADG, IMDG, IATA	III

14.5 Environmental hazards:	
Marine pollutant:	No

14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	30
EMS Number:	F-E,S-E

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
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## Transport/Additional information:

## ADG

Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E

## IMDG

Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":	UN1263, PAINT, special provision 640E, 3, III
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## SECTION 15: Regulatory information

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

Australian Inventory of Chemical Substances
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All ingredients are listed.
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Standard for the Uniform Scheduling of Medicines and Poisons
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None of the ingredients is listed.
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15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

This information is based on our current knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

## Relevant phrases

H226 Flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H336 May cause drowsiness or dizziness.

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- R10 Flammable.
- R22 Harmful if swallowed.
- R34 Causes burns.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

**Department issuing MSDS: Department of Quality Control****Contact:****EN CHEMICALS S.A****57 009 KALOCHORI****THESSALONIKI, GREECE****Ph: +30 2310 755 428****email: sales@enchemicals.com****Abbreviations and acronyms:****RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)****ICAO: International Civil Aviation Organisation****ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)****IMDG: International Maritime Code for Dangerous Goods****IATA: International Air Transport Association****GHS: Globally Harmonised System of Classification and Labelling of Chemicals****EINECS: European Inventory of Existing Commercial Chemical Substances****ELINCS: European List of Notified Chemical Substances****CAS: Chemical Abstracts Service (division of the American Chemical Society)****VOC: Volatile Organic Compounds (USA, EU)****LC50: Lethal concentration, 50 percent****LD50: Lethal dose, 50 percent****Flam. Liq. 3: Flammable liquids, Hazard Category 3****Acute Tox. 4: Acute toxicity, Hazard Category 4****Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B****Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2****Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1****STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3****\* Data compared to the previous version altered.**

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**Annex: Exposure scenario****Short title of the exposure scenario**

**General Statement:** The exposure scenarios on the MSDS tend to provide specific information on how a hazardous substance, found in a preparation or as a raw material can be managed and controlled. It considers specific conditions of use in order to ensure that a use can be safe to humans and the environment. Identified risk management measures are to be implemented unless the downstream user is able to ensure a safe handling of the material in a different way.

**Sector of Use SU3 Industrial uses:** Uses of substances as such or in preparations at industrial sites

**Product category PC9a** Coatings and paints, thinners, paint removers

**Process category**

**PROC8a** Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

**Article category AC1** Vehicles

**Environmental release category ERC2** Formulation of preparations

**Description of the activities / processes covered in the Exposure Scenario**

See section 1 of the annex to the Safety Data Sheet.

**Conditions of use** According to directions for use.

**Duration and frequency** Frequency of use:

**Physical parameters**

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

**Physical state** Fluid

**Concentration of the substance in the mixture** The substance is main component.

**Other operational conditions**

**Other operational conditions affecting environmental exposure** No special measures required.

**Other operational conditions affecting consumer exposure** No special measures required.

**Other operational conditions affecting consumer exposure during the use of the product** Not applicable.

**Risk management measures****Worker protection****Organisational protective measures**

Ensure good ventilation. This can be achieved by using a local exhaust or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

**Technical protective measures** No special measures required.

**Personal protective measures** Do not inhale gases / fumes / aerosols.

**Measures for consumer protection**

Ensure adequate labelling.

Observe consumer information and advice on safe use.

**Environmental protection measures****Water**

Do not allow to reach sewage system. Dispose of this product and its container at hazardous or special waste collection point.

**Soil** The product is only processed over the concrete collecting basin.

**Disposal measures** Ensure that waste is collected and contained.

**Disposal procedures** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Waste type** Partially emptied and uncleaned packaging

**Exposure estimation**

**Consumer** This product is to be used by professional technicians only.

**Guidance for downstream users**

Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.