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Reviewed on:	POLYFIX PRIMER	Version: 1.0

1. Section 1. Identification of the substance/mixture and of the company/undertaking:

1.1. Product identifier:

Trade name: **POLYFIX PRIMER**
Product code: **1 03.0040**

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

Uses of the mixture: Activator.
For professional and industrial use only.

Uses advised against: Not known.

1.3. Details of the supplier of the safety data sheet:

Identification of manufacturer/Supplier:
RETECH, s.r.o.
Vackova 1541/4
150 00 Praha 5 - Stodůlky

Telephone number/Fax: +420 327 596 128, +420 327 596 428
E-mail: info@retech.cz

1.4. Emergency telephone number: RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic
Telephone number: +420 327 596 128 (7.30-16.00 hour)
Toxikologické informační středisko (Toxicology information centre),
Na bojišti 1, 128 08 PRAHA 2, Czech Republic
Telephone number: +420 224 919 293, +420 224 915 402 (24 hours a day)**2. Section 2. Hazard identification:**

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP]:
Flam. Liq. 2 H225 Highly flammable liquid and vapour.
Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP]:



Signal Word: Danger

Hazard Statements:

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing vapours.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P314 Get medical advice/attention if you feel unwell.

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P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with national regulation.

Contained dangerous substances:

64742-49-0 Naphtha (petroleum), hydrotreated light

Labelling of packages where the contents do not exceed 125 ml (section 1.5 of Annex I to CLP):



For more information see the leaflet.

Contained dangerous substances:

64742-49-0 Naphtha (petroleum), hydrotreated light

- 2.3. Other hazards: In use, may form flammable/explosive vapour-air mixture.
Results of PBT and vPvB assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

3. Section 3. Composition/information on ingredients:

3.2. Mixtures:

Description of the mixture: Mixture of active ingredients

Hazardous ingredients:

CAS:	64742-49-0	Naphtha (petroleum), hydrotreated light	> 80 %
EINECS:	265-151-9	(contains < 0,1 % benzene) Flam. Liq. 1, H224; Skin Irrit. 2, H315; Aquatic Chronic 2, H411; STOT SE 3, H335; STOT SE 3, H336	

For full text of H-statements: see SECTION 16.

4. Section 4. First aid measures:

4.1. Description of first aid measures:

- General notes: When in doubt or if symptoms are observed, get medical advice.
- After inhalation: Move affected person to fresh air ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.
- After skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
- After eye contact: Rinse opened eyes cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
- After swallowing: Do not induce vomiting. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor. Transfer to hospital as soon as possible.

4.2. Most important symptoms and effects, both acute and delayed:

- After inhalation: Drowsiness or mental confusion may occur.
- After skin contact: There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation.

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<p>After eye contact: After swallowing:</p> <p>Delayed/immediate effects:</p> <p>4.3. Indication of any immediate medical attention and special treatment needed:</p>	<p>Absorption through the skin may occur causing symptoms similar to those of ingestion. Prolonged or repeated contact may cause defatting of the skin, which can lead to dermatitis. There may be irritation and redness. There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation. Aspiration into the lungs may cause chemical pneumonitis, which can be fatal. Immediate effects can be expected after short-term exposure.</p> <p>No further relevant information available.</p>
<p>5. Section 5. Fire fighting measures:</p> <p>5.1. Extinguishing media: Suitable extinguishing agents: Alcohol or polymer foam, carbon dioxide, dry chemical powder. For safety reasons unsuitable extinguishing agents: Do not use water.</p> <p>5.2. Special hazards arising from the substance or mixture: Highly flammable. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide/carbon monoxide, nitrogen oxides.</p> <p>5.3. Advice for firefighters: Wear protective clothing and self-contained breathing apparatus. Cool endangered receptacles with water spray.</p>	
<p>6. Section 6. Accidental release measures:</p> <p>6.1. Personal precautions, protective equipment and emergency procedures: Wear protective equipment see Section 8. Evacuate the area immediately. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Ensure adequate ventilation. Turn leaking containers leak-side up to prevent the escape of liquid.</p> <p>6.2. Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Inform respective authorities in case of seepage into water course or sewage system.</p> <p>6.3. Methods and material for containment and cleaning up: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks. Dispose contaminated material as waste according to Section 13.</p> <p>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.</p>	
<p>7. Section 7. Handling and storage:</p> <p>7.1. Precautions for safe handling: Protective measures:</p>	<p>Wear protective equipment see Section 8. Avoid contact with skin and eyes. Ensure good ventilation/exhaustion at the workplace. Do not handle in a confined space. Avoid the formation or spread of mists in the air.</p>

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- Measures to prevent fire: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Take precautionary measures against static discharge.
- 7.2. Conditions for safe storage including any incompatibilities:
Requirements for storage rooms and vessels:
Keep receptacle tightly sealed.
Suitable packaging: stainless steel, glass, aluminium containers.
- Technical measures and storage conditions:
Store in a cool, well-ventilated place.
- Further information on storage conditions:
Keep away from direct sunlight.
Prevent the build up of electrostatic charge in the immediate area.
Ensure lighting and electrical equipment are not a source of ignition.
- 7.3. Specific end use(s): No further relevant information available.

8. Section 8. Exposure controls/personal protection:

- 8.1. Control parameters:
Components with limit values that require monitoring at the workplace:
WEL (United Kingdom): EH40/2005
Contains no substances with occupational exposure limit values.
OEL (EU): 2000/39/EG, 2006/15/EG, 2009/161/EG
Contains no substances with occupational exposure limit values.
Additional information: The lists that were valid during the compilation were as basis.
- 8.2. Exposure controls:
Measures to prevent exposure: Ensure good ventilation/exhaustion at the workplace.
Ensure lighting and electrical equipment are not a source of ignition.
- General protective measures: Wash hands before breaks and at the end of work.
Avoid breathing vapours.
Avoid skin and eye contact.
- Personal protection equipment:
Breathing equipment: In case of high vapours concentration, use a mask with a filter against organic vapours A.
Self-contained breathing apparatus must be available in case of emergency.
- Eye protection: Safety goggles.
- Protection of hands: Protective gloves.
The glove material must be impermeable and resistant against the product/
substance/preparation.
Material of gloves: butylrubber
- Protection of skin: Protective clothing.

9. Section 9. Physical and chemical properties:

- 9.1. Information on basic physical and chemical properties:
- Form: Liquid.
- Colour: Colourless.
- Odour: Light, praffinic.
- Odour threshold: Not determined.
- Value pH at 20 °C: Not determined.
- Melting point/freezing point: Not determined.
- Initial boiling point/boiling range: 94 – 99 °C
- Flash point: -5 °C
- Evaporation rate: Fast.
- Flammability (solid, gas): Not determined.
- Explosive properties: Not determined.
- Explosive limits:
– lower: 1.0 Vol. %

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– upper:	7.0 Vol. %
Vapour pressure:	5 kPa at 20 °C 21 kPa at 50 °C
Vapour density at 20 °C:	Not determined.
Density at 20°C:	Not determined.
Relative density:	0.71
Solubility in/miscibility with:	Water: Insoluble. Also soluble in: Petroleum ether.
Partition coefficient (n-octanol/water):	~ 4.7
Ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	215 °C
Viscosity:	Non-viscous. Kinematic viscosity: 0.42 Viscosity test method: Kinematic viscosity in 10 ⁻⁶ m ² /s at 40°C (ISO 3104/3105)
Oxidising properties:	Non-oxidising.
9.2. Other information:	No further relevant information available.

10. Section 10. Stability and reactivity:

10.1. Reactivity:	Stable under recommended transport or storage conditions.
10.2. Chemical stability:	Stable under normal conditions. Stable at room temperature.
10.3. Possibility of hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4. Conditions to avoid:	Sources of ignition, flames, heat, hot surfaces, direct sunlight.
10.5. Incompatible materials:	Strong acids, strong oxidising agents.
10.6. Hazardous decomposition products:	In combustion emits toxic fumes of carbon dioxide/carbon monoxide, nitrogen oxides.

11. Section 11. Toxicological information:

11.1. Information on toxicological effects:
Acute toxicity: Based on available data, the classification criteria are not met.

Relevant hazards for substance:
64742-49-0 Naphtha (petroleum), hydrotreated light

Oral	LD50	> 2000	mg/kg
Dermal	LD50	> 2000	mg/kg
Inhalative	LC50/4 h	> 5	mg/l

Relevant effects for mixture:

Hazard	Route	Basis
Irritation	Dermal	Hazardous: calculated

Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	May cause respiratory irritation. May cause drowsiness or dizziness.
STOT-repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Other information:	After inhalation: Drowsiness or mental confusion may occur.

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After skin contact: There may be irritation and redness at the site of contact.
Absorption through the skin may occur causing symptoms similar to those of inhalation.
Absorption through the skin may occur causing symptoms similar to those of ingestion.
Prolonged or repeated contact may cause defatting of the skin, which can lead to dermatitis.

After eye contact: There may be irritation and redness.

After swallowing: There may be soreness and redness of the mouth and throat.
Nausea and stomach pain may occur.
Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.
Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

12. Section 12. Ecological information:

- 12.1. Toxicity:
Aquatic toxicity: Toxic to aquatic life with long lasting effects.
- 12.2. Persistence and degradability: Biodegradable.
- 12.3. Bioaccumulative potential: Bioaccumulation potential.
- 12.4. Mobility in soil:
Floats on water.
Volatile.
Readily absorbed into soil.
- 12.5. Results of PBT and vPvB assessment:
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
- 12.6. Other adverse effects: No further relevant information available.

13. Section 13. Disposal considerations:

- 13.1. Waste treatment methods:
Product disposal: Transfer to a suitable container and arrange for collection by specialised disposal company.
Incineration is the recommended method of disposal.
Must not be disposed together with household garbage.
Do not allow product to reach sewage system.
European Waste Catalogue:
16 03 05* organic wastes containing hazardous substances
(*hazardous waste)
- Packagings disposal: After draining, leave to vent in a safe place away from sources of ignition and heat.
Beware of vapours remaining in empty drums that may ignite.
Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
European Waste Catalogue:
15 01 10* packaging containing residues of or contaminated by hazardous substances
(*hazardous waste)
- Other disposal recommendations:
Disposal must be made according to official regulations.
The final decisions on the appropriate waste management method, in line with regional, national and European legislation, and possible adaptation to local conditions, remains the responsibility of the waste treatment operator.

14. Section 14. Transport information:

- 14.1. UN number:
ADR, IMDG, IATA UN 3295

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14.2. UN proper shipping name:	
ADR	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light)
IMDG	HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light)
IATA	HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light)
14.3. Transport hazard class(es):	
ADR	3
IMDG	3
IATA	3
14.4. Packing group:	
ADR, IMDG, IATA	II
14.5. Environmental hazards:	
Environmentally hazardous:	Yes
Marine pollutant:	No
14.6. Special precautions for user:	No special precautions.
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:	Not applicable
Transport/ Additional information:	
Transport category:	2
Tunnel restriction code	D/E
UN "Model Regulation":	UN 3295 HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light), 3, II

15. Section 15. Regulatory information:

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

Used legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, as amended (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, as amended (CLP)

Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, as amended

Commission Decision 2000/532/EC establishing a list of wastes, as amended

Council Directive 89/686/EEC on the approximation of the laws of the Member States relating to personal protective equipment, as amended

Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended

Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

Commission Directive 2006/15/EC establishing a second list of indicative occupational exposure limit values

Commission Directive 2009/161/EU establishing a third list of indicative occupational exposure limit values

Directive 2004/42/CE of the European Parliament and of the Council on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC, as amended

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Section 16. Other information:

Relevant H-statements (Section 3):

H224 Extremely flammable liquid and vapour.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

H336 May cause drowsiness or dizziness.

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Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EINECS: European Inventory of Existing Commercial Chemical Substances

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

LC50: Median concentration lethal to 50 % of a test population

LD50: Median dose lethal to 50 % of a test population

N.O.S.: Not Otherwise Specified entry

OEL: Occupational Exposure Limit

PBT: Persistent, Bioaccumulative, Toxic

STOT: Specific target organ toxicity

TWA: Time weighted average

vPvB: Very Persistent, Very Bioaccumulative

WEL: Workplace exposure limits

Aquatic Chronic 2: Hazardous to the aquatic environment, category 2

Flam. Liq. 1: Flammable liquid, category 1

Flam. Liq. 2: Flammable liquid, category 2

Skin Irrit. 2: Skin irritation, category 2

STOT SE 3: Specific target organ toxicity — single exposure, category 3

The information contained herein is based on our best knowledge and the present legislation. Further, the Safety Data Sheet has been elaborated on the basis of the original Safety Data Sheet provided by the manufacturer.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

***Compared to the last version the data has been changed.**