Safety data sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **PRIMER-RR**

Product name **MULTI-PURPOSE PRIMER**

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

Intended use

1.3 Details of the supplier of the safety data sheet

Company name **IDEAL WORK SRL**

Address **Via Kennedy, 52**

Place and country **31030 Vallà di Riese Pio X (TV)**
Italy
tel. 0423 /4535
fax 0423 /748429

e-mail address for a competent person, responsible for the safety data sheet **sicurezza@idealwork.it**

1.4 Emergency telephone number

For information in an emergency **Poison center:**
National Poisons Information Service
(Birmingham Unit) City Hospital
Dudley Rd Birmingham
Telephone: +44 121 507 4123
Fax: +44 121 507 55 88
Emergency telephone: 844 892 0111

SECTION 2. Hazards identification.

2.1 Classification of the substance or mixture

The product is not classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP) and subsequent amendments. The product, however, contains dangerous substances in concentrations that must be declared in section No. 3 and requires a data sheet safe containing all the information required under the Regulation (EC) No. 1907/2006, as amended.

2.1.1 Regulation 1272/2008 (CLP) and subsequent amendments
Classification and hazard Not classified - No

2.2 Label elements.

Pictograms of danger None
warnings

Hazard statements: No
EUH208 Contains: Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one; 2-methyl-2H-isothiazol-3-one (3: 1)

May cause an allergic reaction
safety advice: None
EUH210

Safety data sheet available on request for professional users.

2.3 Other hazards.

Information not available.

SECTION 3. Composition/information on ingredients.

3.1 Substances.

Non relevant information.

3.2 Mixtures.

It contains:
Identification. Conc.%. Classification 1272/2008 (CLP).

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one; 2-methyl-2H-isothiazol-3-one (3: 1)

CAS. 55965-84-9 0 to 0.0015 0,0015Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Corr. 1B H314, Skin Sens. 1 H317,

THERE IS.
INDEX. Aquatic Acute 1 H400 613-167-00-5 M = 10, Aquatic Chronic 1 H410, EUH208

Note: Higher value of the excluded range.
The full text of hazard (H) phrases is given in section 16.

SECTION 4. First aid measures.

4.1 Description of first aid measures.
EYES: Remove contact lenses. Wash immediately with plenty of water for at least 30/60 minutes, opening her eyelids. Call a doctor immediately.
SKIN: Take off contaminated clothing. Taking a shower immediately. Call a doctor immediately. Ingestion: Give to drink water as much as possible. Call a doctor immediately. Do not induce vomiting unless expressly authorized by the physician.
Inhalation: Call a physician immediately. Bring to fresh air, away from the accident site. If breathing has stopped, administer artificial respiration. Take adequate precautions for the rescuer

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

For symptoms and effects caused by the contained substances see chap. 11.

4.3 Indication of any immediate medical attention and special treatment.
Information not available.

SECTION 5. Firefighting measures.

5.1 Extinguishing.
SUITABLE EXTINGUISHING MEDIA
The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water. EXTINGUISHING MEDIA NOT SUITABLE
No one in particular.

5.2. Special hazards arising from the substance or mixture. HAZARDS CAUSED BY EXPOSURE IN CASE OF FIRE
Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc.).

5.3. Advice for fire-extinguishing employees.
GENERAL INFORMATIONS
Cool down with water jets the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.
EQUIPMENT
Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or the self (self-protector) in the event of large quantities of foam.

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and procedures in case of emergency devices.
Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) From where the leak occurred. In the case of solid product to avoid the formation of dust spraying the product with water if there are no contraindications. If airborne dust or vapors Use breathing equipment. Stop leak if safe to do so. Do not handle damaged containers or leaked product before donning appropriate protective gear. Keep away unprotected persons. For information on risks for the environment and health, protection of the respiratory airways, ventilation and individual protective measures refer to the other sections of this sheet.

6.2. Environmental precautions.
Prevent the product from entering sewers, surface water, ground water and neighboring areas.

6.3. Methods and materials for containment and cleaning up.
For liquid products, suck into a suitable container (made of material not incompatible with the product) and soak up any leaked product with absorbent inert material (sand, vermiculite, diatomaceous earth, Kieselguhr, etc.). Collect the majority of the remaining material and deposit in containers for disposal. In the case of solid product spark proof mechanical tools to collect leaked product and place in plastic containers. Eliminate the remainder using jets of water if there are no contraindications. Ensure adequate ventilation of the place affected by the loss. The disposal of contaminated material must be made in accordance with point 13.

6.4. Reference to other sections.
Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage.

7.1 Precautions for safe handling.
Keep away from heat, sparks and open flames, do not smoke, use matches or lighters. Without adequate ventilation, the vapors may accumulate on the ground and ignite at a distance, if triggered off with the risk of flashback. Avoid the accumulation of electrostatic charges. Do not eat, drink or smoke while handling it. Remove contaminated clothing and protective equipment before entering areas where you eat. Avoid dispersal into the environment.

7.2 Conditions for safe storage, including any incompatibilities.
Store only in the original container. Store in a cool, well-ventilated place, away from heat sources, open flames, sparks and other ignition sources. Store containers away from any incompatible materials, checking section 10.

7.3 Specific end use.
Information not available.

SECTION 8. Exposure controls/personal protection.

8.1 Control parameters.
Information not available.

8.2 Exposure controls.
As the use of adequate technical equipment must always take priority over personal protection equipment, ensure good ventilation in the workplace through effective local aspiration. For the selection of personal protective equipment, if necessary, request advice from your chemical substance suppliers.
The personal protective equipment must contain the EC marking certifying their compliance with applicable regulations.
HAND PROTECTION
Protect your hands with work gloves, category III (ref. Standard EN 374).
For the final choice of work glove material must be considered: compatibility, degradation, breakage times and permeation.

In the case of preparations the resistance of protective gloves to chemicals should be checked before use, as it expected. The Gloves' limit depends on the duration and method of use.
SKIN PROTECTION
Wear work clothes with long sleeves and safety footwear for professional use category I (ref. Directive 89/686 / EEC and standard
EN ISO 20344). Wash with soap and water after removing protective clothing. EYE PROTECTION
You should wear protective airtight goggles (ref. Standard EN 166).
RESPIRATORY PROTECTION
In case of exceeding the threshold value (eg. TLV-TWA) of the substance or one or more of the substances present in the product, you should wear a Type A, the class mask with filter (1, 2 or 3) must be chosen according to the limit concentration of use. (Ref. Standard EN 14387). In the case were present gas or of a different nature vapors and / or gases or vapors with particles (aerosols, fumes, mists, etc.) Should be provided for combined type filters.
The use of respiratory protective equipment is necessary in case the technical measures are not sufficient to limit the exposure of the worker to the threshold values considered. The protection provided by masks is in any case limited.
In the case where the substance in question is odorless or its olfactory threshold is higher than the related TLV-TWA, and in case of emergency wear a compressed air breathing apparatus open circuit (ref. Standard EN 137) or a respirator to the air intake external (ref. standard EN 138). For the correct choice of protective breathing equipment, refer to EN 529. CONTROLS
Emissions from production processes, including those from ventilation should be checked for compliance of environmental protection legislation.

SECTION 9. Physical and chemical properties.

Appearance	Thick liquid
Color	White or coloured
Odor	characteristic
Odor threshold	NA (not available)
pH.	8 to 8,5
Melting or freezing	NA (not available)
Boiling point	NA (not available)
Distillation range ND	NA (not available)
Flash point	NA (not available)
Evaporation Rate	NA (not available)
Flammability of solids and gases	NA (not available)
lower flammability limit	NA (not available)
Upper flammability limit	NA (not available)
Upper explosion limit	NA (not available)
Lower Explosive Limit	NA (not available)
Vapor Pressure	NA (not available)
Vapor density	NA (not available)
Specific gravity	1,500 – 1.550 Kg/l

Solubility	miscible in water
Partition coefficient: n-octanol / water	NA (not available)
ignition temperature	NA (not available)
Decomposition Temperature	NA (not available)
viscosity	Thixotropic
oxidant properties	NA (not available)

9.2. Further information.
VOC (Directive 2004/42 / EC) 33.50 g / lt.

SECTION 10. Stability and reactivity.

10.1. Reactivity.
There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability.
The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions.
Under normal use and storage conditions are not predictable hazardous reactions.

10.4. Conditions to avoid.
None in particular. However the usual precautions against chemicals.

10.5. Incompatible materials.
Information not available.

10.6. Hazardous decomposition products.
When heated or in case of fire can be released vapors potentially dangerous to health.

SECTION 11. Toxicological information.

11.1 Information on toxicological effects.

In the absence of experimental toxicological data on the product itself, the possible health hazards of the product were evaluated based on the properties of the substances contained, according to the criteria laid down by the relevant regulations for the classification. therefore, consider the concentration of each hazardous substances possibly mentioned in sect. 3, to assess toxicological effects resulting from exposure to the product.

The product contains substance / sensitizing and / i and therefore may cause an allergic response. Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one; 2-methyl-2H-isothiazol-3-one (3: 1)
LD50 (Oral). 49.6 mg / kg rat
LD50 (Dermal). 141 mg / kg rabbit
LC50 (inhalation). 0.33 mg / l / 4h rat

SECTION 12. Ecological information.

12.1 Toxicity

Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one; 2-methyl-2H-isothiazol-3-one (3: 1)
LC50 - Fish. 0.58 mg / l / 96h
EC50 - Crustaceans. 1.2 mg / l / 48h
EC50 - Algae / Aquatic Plants. 0.379 mg / l / 72h

12.2 Persistence and degradability.
Information not available.

12.3 Potential for bioaccumulation.
Information not available.

12.4 Mobility in soil.
Information not available.

12.5 Results of PBT and vPvB.
Based on available data, the product does not contain any PBT or vPvB substances as a percentage greater than 0.1%.

12.6 Other adverse effects.
Information not available.

SECTION 13. Disposal considerations.

13.1 Methods of waste treatment.
Reuse, when possible. Product residues should be considered special non-hazardous waste
Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

The product is not dangerous under current provisions governing the transport of dangerous goods by road (A.D.R.) and by Rail (RID), by sea (IMDG Code) and by air (IATA).

14.1 UN number. Not applicable.
14.2 UN proper shipping name. Not applicable.
14.3. hazard class transport. Not applicable.
14.4. Packaging group. Not applicable.
14.5. Environmental hazards. Not applicable.
14.6. Special precautions for user. Not applicable.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code. Non relevant information.

SECTION 15. Regulatory information.

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

Seveso category. None.
Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006: None.
Substances in Candidate List (Art. 59 REACH): None.
Substances subject to authorization (Annex XIV REACH): None.
Substances subject to the obligation of export notification Reg. (EC) 649/2012: None.
Substances subject to the Rotterdam Convention: None.
Substances subject to the Stockholm Convention: None.
Sanitary checks. Information not available.

VOC (Directive 2004/42 / EC):
Classification A / c.
VOC given in g / liter of product in ready to use condition: Limit: 40.00 (2010)
VOC of product: 33,50 gr./lt. Max.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:
Acute Tox. 3 Acute toxicity, category 3
Skin Corr. 1B Skin corrosion, category 1B
Skin Sens. 1 Skin sensitization, Category 1
Aquatic Acute 1 Hazardous to the aquatic environment, acute, category 1
Aquatic Chronic 1 Hazardous to the aquatic environment, Chronic Category 1
Aquatic Chronic 4 Hazardous to the aquatic environment, chronic toxicity, category 4 H301 Harmful if swallowed.
H311 Toxic in contact with skin.
H331 Toxic if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction. H400 Very toxic to aquatic organisms.
H410 Very toxic to aquatic life with long lasting effects.
H413 May be harmful to aquatic life with long lasting effects.
EUH208 Contains <name of sensitizing substance>. May cause allergic reactions. EUH210 Safety data sheet available on request.

LEGEND:
- ADR: European Agreement concerning the Carriage of Dangerous Goods by Road
- CAS NUMBER: Number of the Chemical Abstract Service
- EC50: Concentration that gives effect to 50% of the population subject to testing
- EC NUMBER: Number identifier in ESIS (European database of existing substances)
- CLP: Regulation EC 1272/2008
- DNEL: Derived no effect level

- EmS: Emergency Schedule
- GHS: Globally Harmonized System of Classification and Labeling of Chemicals
- IATA DGR: Regulation for the transport of dangerous goods by the International Air Transport Association
- IC50: Concentration of immobilization of 50% of the population subject to testing
- IMDG: International Maritime Code for Dangerous Goods
- IMO: International Maritime Organization
- INDEX NUMBER: identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predicted Environmental Concentration
- PEL: Predicted Exposure Level
- PNEC: Predicted No Effect Concentration
- REACH: EU Regulation 1907/2006
- RID: Regulations for the international carriage of dangerous goods by rail - TLV: TLV
- TLV CEILING: Concentration which must not be exceeded during any time of occupational exposure. - TWA STEL: Short Term Exposure Limit
- TWA: Medium exposure limit weighed
- VOC: Volatile Organic Compound
- VPvB: Very persistent and very bioaccumulative according to the REACH - WGK: Water hazard class (Germany).

GENERAL BIBLIOGRAPHY

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
4. Regulation (EU) 453/2010 of the European Parliament
5. Regulation (EU) 286/2011 of the European Parliament (II ATP. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (ATP III. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV ATP. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- Web Site ECHA Agency

Note for users: The information contained in this sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.
It should not be construed as a guarantee on any specific product property.
The use of this product is not subject to our direct control; therefore, users must, under their own responsibility the laws and regulations on hygiene and safety. Do not assume responsibility for improper use.
Provide appropriate training of staff involved in the operation of chemicals. Changes to previous review.
Changes were made to the following sections:
01/02/03/04/05/06/07/08/09/10/11/12/14/15/16.