

SECTION 1: Identification of the mixture and of the company.

1.1 Product identifiers

Product name : Humbrol Chipping and Scratching agent

Product Number : AV0101

Brand : Humbrol

EC No. : 231-791-2, 603-001-00-X, 604-020-00-6, 011-002-00-6

REACH No. : 01-2119511183-53, 01-2119457892-27

CAS-No. : 7732-18-5, 25213-24-5, 67-56-1, 90-43-7, 1310-73-2

UFI : N/A

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses : Consumer use paint medium.

1.3 Details of the supplier of the safety data sheet

Company : Krzysztof Obarski Hobby Pro
Przemysłowa 39
PL-61-541 POZNAN

Telephone : + 48 510628973

Fax

E-mail address : contact@vms-supplies.com

1.4 Emergency telephone

Emergency Phone # : 112, 998, +48 42 631 47 24
(Toxicologic information Poland)
+(48)510628973

SECTION 2: Hazards identification

2.1 Classification of the mixture

Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects: No data available

2.2 Label elements

Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)

No classification required according to the CLP/GHS guidelines.

Hazard designation:

Not applicable.
Signal word:
Hazard designation:
Safety designation:
Hazardous components for labelling:

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substance

3.2 Mixture

Chemical Characterization: Water polyvinyl alcohol solution
Information on Components / Hazardous Ingredients:

Component		Classification	Concentration
Water, demineralised		-	<= 90 %
Formula:	H ₂ O		
CAS-No. :	7732-18-5		
EC-No. :	231-791-2		
Component		Classification	Concentration
Polyvinyl alcohol, partially saponified		-	<= 9 %
Formula:	-		
CAS-No. :	25213-24-5		
EC-No. :	-		
Component		Classification	Concentration
Methanol		Flam. Liq. 2; Acute Tox. 3; STOT SE 1; H225, H301, H331, H311, H370 Concentration limits: >= 10 %: STOT SE 1, H370; 3 - < 10 %: STOT SE 2, H371;	<= 0.27 %
Formula:	CH ₃ OH		
CAS-No. :	67-56-1		
EC-No. :	603-001-00-X		
Component		Classification	Concentration
2-Phenylphenol		Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; Aquatic Acute 1; H315, H319, H335, H400 M-Factor - Aquatic Acute: 1	<=0.05-0.07%
Formula:	-		
CAS-No. :	90-43-7		
EC-No. :	604-020-00-6		
REACH No. :	01-2119511183-53		

Component		Classification	Concentration
Sodium hydroxide		Met. Corr. 1; Skin Corr. 1A; Eye Dam. 1; H290, H314, H318 Concentration limits:	<=0.01-0.02%
Formula:	-	>= 5 %: Skin Corr. 1A, H314; 2 - < 5 %: Skin	
CAS-No. :	1310-73-2	Corr. 1B, H314; 0,5 - < 2 %: Skin Irrit. 2, H315; 0,5	
EC-No. :	011-002-00-6	- < 2 %: Eye Irrit. 2, H319; >= 0,4 %: Met.	
REACH No. :	01-2119457892-27	Corr. 1, H290;	

SECTION 4: First aid measures

4.1 Description of first-aid measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air and seek medical advice in case of complaints. Give artificial respiration in case breathing is not regular or if it has stopped.

After skin contact:

Wash with soap and rinse with plenty of water.

After eye contact:

Rinse open eyes with plenty of water. In case of discomfort seek medical help.

After ingestion:

Rinse mouth with plenty of water (do not swallow) until no longer sticky.

If symptoms persist consult physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No further information available. Effects: No further information available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:

Ensure adequate ventilation.

Wear protective clothing.

6.2 Environmental precautions

No special measures required

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Parameters to be controlled:

Parameters to be controlled: none known

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration

(PNEC):

Additional Information:

8.2 Exposure controls

Technical protective measures:

Provide adequate ventilation/exhaust system.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Dust mask recommended when very dusty (NIOSH-certified).

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Tightly fitting safety goggles (EN 166).

Body protection:

Environmental precautions:

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Form: clear, liquid
b) Odor	No data available
c) Odor Threshold	No data available
d) pH	6 – 7,5
e) Melting point/freezing point	No data available
f) Initial boiling point	100,00 °C (water)
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Relative density	No data available
p) Autoignition temp.	No data available
q) Decomposition temp.	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

9.2 Other safety information

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:

ATE mix (oral) > 2000mg/kg body weight - the mixture is not classified in the category of acute toxicity by ingestion.

ATEmix (dermal) > 2000mg/kg body weight - the mixture is not classified in the category of acute toxicity by dermal route.

ATEmix (inhalation) > 20 mg/dm³ - the mixture is not classified in the category of acute toxicity by inhalation.

Primary effects

Irritant effect on skin:

No information available

Irritant effect on eyes:

No information available.

Inhalation:

No information available

Ingestion:

No information available

Sensitization:

No sensitizing effects known.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

No information available.

The acute toxicity of the mixture was calculated based on the estimated point values of the converted acute toxicity of the mixture components.

SECTION 12: Ecological information

12.1 Toxicity

Fish toxicity: No information available.

Daphnia toxicity: No information available.

Bacteria toxicity: No information available.

Algae toxicity: No information available.

12.2 Persistence and degradability

Readily biodegradable.

12.3 Bioaccumulative potential

No data available

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006. REACH - Restrictions on the manufacture, : placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

SECTION 16: Other information

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of -Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Hobby Pro Krzysztof Obarski shall not be held liable for any damage resulting from handling or from contact with the above product.