

# SAFETY DATA SHEET

## PRODUCT SAFETY REPORT





According to REGULATION EC 1272/2008 (CLP)  
& Regulation EC 1223/2009 & 1907/2006/EC, Article 31




**PRODUCT NAME: MEDIKILLS Multipurpose Cleaning & Disinfecting Wipes**

1. IDENTIFICATION OF THE FORMULATION	
Product name	<b>MEDIKILLS Multipurpose Cleaning &amp; Disinfecting Wipes</b> DYN - HAB - 70/2
Classification	An aqueous mixture of active ingredient, surfactant and preservative.
Chemical name	N/A (complex mixture)
Last revision	March 25 <sup>th</sup> , 2020

2. HAZARD IDENTIFICATION		
Hazard Class: <b>Not a hazardous composition</b>	Category: <b>N/A</b>	
Signal Word: <b>N/A</b>	Code: <b>N/A</b>	
Hazard description	<b>N/A</b>	
<b>Emergency Overview</b>	No emergency situation expected when used according to instructions	
<b>Routes of Entry</b>	Skin contact, possible eye contact – no hazard expected	
<b>Potential Acute Health effects:</b> No acute health hazard		
<b>Eyes</b>	This product may cause slight reversible eye irritation	
<b>Skin</b>	No effect is expected on healthy skin	
<b>Inhalation</b>	Not an expected route of entry.	
<b>ingestion</b>	Not an expected route of entry. Ingestion may cause nausea, vomiting, dizziness, gastrointestinal irritation	
<b>Medical conditions aggravated by overexposure</b>	N/A	

3. COMPOSITION OF PRODUCT	
Chemical characterization	N / A (mixture)

Description	Mixture of substances listed below with nonhazardous ingredients.
Content of <b>Heavy metals</b> in packaging materials ( <b>Directive 94/62/EG</b> )	The concentration of the following metals: <b>Pb, Cd, Hg, Cr<sup>+6</sup></b> (Hexavalent) is: (less than) < 100 ppm.
Presence of <b>SVHC</b>	The packages and the product does not contain any of the substances listed in the list published by <b>ECHA (European Chemicals Agency)</b> or <b>Annex XIV, XVII, REACH Directive 1907/2006/EC</b>
Presence of <b>PAHs</b>	The product does not contain any <b>Polycyclic aromatic hydrocarbons</b>
Type of detergent:	Nonionic emulsifier
Dangerous components	<p><b><u>SOLVENT:</u></b>  CAS: 64-17-5: (5%≥)  INCI: Ethyl Alcohol</p>   <p><b>Hazard Class: Flammable Liquid (cat. 2)  Eye irritation (cat. 2A)</b></p> <p><b>Signal word: Danger</b>  <b>H-codes: H225 Highly flammable liquid &amp; vapor  H319 Causes serious eye irritation</b></p> <hr/> <p><b><u>DISINFECTANT:</u></b> CAS: 7173-51-5.  INCI: Didecyldimethylammonium Chloride (0.4%).  <b>Hazard Class: Skin Corrosion, cat. 1B,  Acute Toxicity, category 4.  GHS05, GHS07</b></p> <p><b>Signal word: Danger</b>  <b>H-codes: H302 Harmful if swallowed  H314 Causes severe skin  burns and eye damage</b></p>   <p><b>P-codes: P260, P264, P280,  P301+P330+P331, P303+P361+P353, P363, P321,  P305+P351+P338, P405, P501</b></p>

	<p><b><u>PRESERVATIVE:</u></b>  CAS: 2682-20-4:  INCI: 2-Methyl-4-Isothiazolin-3-one  ( max. 10 ppm)</p> <p><b>Hazard Class: Acute toxicity oral cat. 4,  Acute toxicity inhalation cat.3,  Skin Corrosion cat.1B,  Skin Sensitization cat.1,  STOT SE cat. 3,  Acute Aquatic Toxicity, cat.1.</b></p> <p><b>Signal word: Danger</b>  <b>H-codes:</b>  <b>H302 Harmful if swallowed</b>  <b>H314 Causes severe skin burns and eye damage</b>  <b>H317 May cause an allergic skin reaction</b>  <b>H331 Toxic if inhaled</b>  <b>H335 May cause respiratory irritation</b>  <b>H400 Very toxic to aquatic life</b></p>	  
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Ingredients of the perfume that need to be declared on the label according to Regulation of European Parliament Council 2003/15/EC	
Citral	5392-40-5
d-Limonene/Dipentene/l-Limonene	5989-27-5

Wording of the H-codes for the above components:			
H225	Highly flammable liquid & vapor	H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage	H317	May cause an allergic skin reaction
H319	Causes serious eye irritation	H331	Toxic if inhaled
H335	May cause respiratory irritation	H400	Very toxic to aquatic life

<b>4. FIRST AID MEASURES</b>	
After skin contact	In the unlikely event of irritation wash with plenty of water, and temporarily discontinue use of the material.
After eye contact	Wash under running water for at least 15 minutes. Consult a doctor if irritation persists.
After inhalation	Unlikely to cause any problem.
After ingestion	Do NOT induce vomiting. Rinse mouth well with water and offer some milk.

<b>5. FIRE-FIGHTING MEASURES</b>	
Extinguishing media	Water solution: Liquid is not combustible.
Unsuitable extinguishing media	Not known.

Unusual firefighting hazard	Not known.
Special firefighting procedure	Not required.
Protective equipment	No special measures required.
Combustion products	Not combustible. Package may release unknown gasses.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precaution	Avoid eye or prolonged skin contact. During production use eye goggles, protective gloves and polymer apron.
Precaution to protect the environment	See "cleanup procedure". Do not allow to enter sewers/surface or ground water.
Cleanup procedure	No special measures are necessary for the wipes. If during production the liquid is spilled absorb it with a suitable absorbent (sand, diatomite, universal binders, or sawdust). Dispose of in the proper method defined by local authorities.

### 7. HANDLING & STORAGE

<b>Handling:</b>	
Information for safe handling	No special measures required.
Information about fire - and explosion protection	No special measures required.
<b>Storage:</b>	
Requirements to be met by storerooms and receptacles	No special requirements. Avoid high temperatures.
Information about storage in one common storage facility	Not required. No cross-interaction expected.
Other information	Not known.

### 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure control	Avoid eye contact. Avoid unnecessary skin contact (with the liquid during <i>production</i> only).
Exposure limit for hazardous ingredient	No exposure limit for the finished product
Personal protective equipment:	
Respiratory	Respiratory equipment not required.
Hand	Use protective gloves (only for the liquid <i>production</i> stage).
Eye	Use safety goggles (only for the liquid <i>production</i> stage).

Skin	Use a proper outfit that covers the body and hands (only for the liquid <i>production</i> stage).
Industrial hygiene	Exercise good industrial hygiene practice. Wash after handling, keep away from food.
Other information	Not known
Ingredients with limit values that require monitoring at the workplace: N/A	

**9. PHYSICAL & CHEMICAL PROPERTIES (of the liquid absorbed on wipe)**

Physical form	Transparent Liquid	
Odor	specific	
Color:	N/A	
Solubility in / Miscibility with water	Miscible in all proportions	
Density	1.00 ± 0.05	20° /C
Flash point	≥ 158° F (70° C)	P.M. closed cup
pH	6.0 ± 0.15	10% solution in water
Volatile Organic Content	1.6 ≥	V.O.C.

**10. STABILITY AND REACTIVITY**

Stability in the original unopened container	Stable under ambient conditions. Shelf life exceeds 24 months.
<b>Reactivity:</b>	
Thermal decomposition / conditions to be avoided	No decomposition if used according to specifications.
Dangerous reactions	No dangerous reactions known.
Dangerous decomposition products	No dangerous decomposition products known.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity:</b>	<i>No known effect</i>
on the skin	No irritant effect
on the eye	May have an irritating effect.
Sensitization	No sensitizing effects known.
Additional toxicological information	The product is not subject to classification according to the CLP regulation. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

**12. ENVIRONMENTAL INFORMATION**

Environmental fate and distribution:
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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.
Air	No damage to the atmosphere expected.
Water	The liquid is soluble in water but the mode of use of the wipes minimizes the effect on the municipal sewage system.
Terrestrial Environment	The empty plastic container should be disposed in a manner that facilitates recycling according to regulations
Eco-toxicity	Not expected to be toxic to aquatic organisms.
Persistence and degradation	No information is available.
BOD & COD	Not determined.
Degradation	Most ingredients (over 99%) are biodegradable.

### 13. DISPOSAL CONSIDERATIONS

Product Recommendation	Smaller quantities can be disposed of with household waste.
Un-cleaned packaging Recommendation	Disposal of industrial quantities must be made according to official local regulations.
Recommended cleansing agents	Water.

### 14. TRANSPORT INFORMATION

Road & rail transport	Not subject to ADR & RID regulations
Sea transport	Not subject to IMDG code
Air transport	Not regulated by ICAO/IATA.
NOTE: The product contains a small concentration of a chemical that is very toxic to aquatic life	

### 15. REGULATORY INFORMATION

(Regulation EC 1223/2009 & EC 1272/2008)

Hazard Class	No hazard classification according to above regulations
Pictogram	N/A
Signal Word	N/A
H-Code	N/A
Hazard Statement	N/A
P-Codes	P102: Keep out of reach of children

Water hazard class:	Waste wipes cause long term aquatic damage and should be disposed according to regulations
Ingredients that should be declared on the label	Didecyldimethyl Ammonium Chloride Methyl Isothiazolinone (MIT) Limonene, Citral

**16. OTHER INFORMATION**

All the information supplied in this data sheet is based on the current knowledge available to DYNAMIC at the time of revision. For further information or clarification of data and any relevant information available on the product and the safety of handling it, please contact DYNAMIC directly. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall DYNAMIC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.