

SAFETY DATA SHEET (SDS)

Dyad Medical Sourcing

SECTION I - PRODUCT IDENTIFICATION

Product Trade Name: HCS Roll-On Deodorant
Manufacturer: Dyad Medical Sourcing, LLC
2101 Waukegan Road, Suite 208
Bannockburn, IL 60015
Emergency Phone Number: 1-855-241-1773

SECTION II - HAZARD(S) IDENTIFICATION

N/A

SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

Description: Mixture of the substances listed below with non hazardous additions.

Dangerous Components: **78491-02-8** N-(Hydroxymethyl)-N-(dihydroxymethyl-1, 3-dioxo-2, 5-imidazolidinyl-4)-N-(hydroxymethyl) urea, 0.15%
55406-53-6 3-Iodo-2-propynylbutylcarbamate, 0.5%
89-78-1 menthol, 0.05%
8008-57-9 Orange sweet oil, <0.1%

Non-dangerous Components: **7732-18-5** pure water, 87.2%
12042-91-0 dialuminium chloride pent hydroxide, 7.8%
9004-65-3 Hydroxypropyl methylcellulose, 1.2%
9005-64-5 Sorbian monolaurate, ethylated, 0.1%
24851-98-7 methyl 3-oxo-2-pentylcyclopentaneacetate, <0.1%
110-98-5 1,1'-oxydipropan-2-ol, <0.1%
54464-57-2 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl) ethan-1-one, <0.1%
102-71-6 2,2'2"-nitrilotriethanol, 0.05%
57-55-6 propane-1,2-diol, 3.0%

Remarks: Dialuminium chloride pent hydroxide (CAS# 12042-91-0). Synonym: Aluminum chlorohydrate
Propane-1,2-diol (CAS# 57-55-6). **Synonym: Propylene glycol**
N-(Hydroxymethyl)-N-(dihydroxymethyl-1, 3-dioxo-2, 5-imidazolidinyl-4)-N-(hydroxymethyl) urea (CAS# 78491-02-8). Synonym: Diazolidinyl urea
Sorbian monolaurate, ethylated (CAS# 9005-64-5). Synonym: Polysorbate 20
3-Iodo-2-propynylbutylcarbamate (CAS# 55406-53-6). Synonym: Iodopropynyl butylcarbamate
2,2'2"-nitrilotriethanol (CAS# 102-71-6). Synonym: Triethanolamine
1,1'-oxydipropan-2-ol (CAS# 110-98-5). Synonym: DPG

SECTION IV - FIRST AID MEASURES

Skin Contact:	Generally the product does not irritate skin.
Eye Contact:	Rinse eye for several minutes under running water.
Inhalation:	Supply fresh air; consult doctor in case of complaints.
Ingestion:	If symptoms persist, consult doctor.

SECTION V - FIRE FIGHTING MEASURES

Extinguishing Media:	CO, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective Equipment:	Wear fully protective suit.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Safety Precautions:	Wear protective equipment. Keep unprotected persons away.
Environmental Protection:	Do not allow to enter sewers/surface or ground water.
Measures for Cleaning:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Additional Information:	See Section 7 for information on safe-handling.

SECTION VII - HANDLING & STORAGE

Safe Handling:	No special measures required.
Protection Against Explosions/Fires:	No special measures required.
Storage:	No special measures required.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection:	Suitable respiratory protective device recommended.
Protective Gloves:	Required.
Components Requiring Monitoring:	57-55-6 Propane-1,2-diol. WEEL (USA), 10 mg/m ³ 102-71-6 2,2'2"-nitrilotriethanol. TLV (USA), 5 mg/m ³

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Melting Point:	N/A	Danger of Explosion:	Product does not present an explosion hazard.
Boiling Point:	N/A	Vapor Pressure:	N/A
Flash Point:	N/A	Evaporation Rate:	N/A
Flammability:	N/A	Solubility:	N/A
Ignition Temp:	N/A	pH:	N/A
LEL:	N/A	Viscosity:	N/A
UEL:	N/A	Appearance & Odor:	Translucent liquid, achromatic color, flavory.
Auto-Ignition:	Not self-igniting.	Additional Info:	For suppression of sweating and dispel odor.

SECTION X - STABILITY & REACTIVITY

Conditions to Avoid: N/A
Materials to Avoid: N/A
Hazardous Decomposition Products: N/A

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Toxicity - LD/LC50 values that is relevant for classification:

<i>12042-91-0 Dialuminium chloride pent hydroxide</i>	Oral LD50 9187 mg/kg (rat)
<i>57-55-6 Propane-1,2-diol</i>	Oral LD50 2000mg/kg (rat); Dermal LD50 20800mg/kg (rabbit)
<i>9005-64-5 Sorbian monolaurate, ethylated</i>	Oral LD50 >33000mg/kg (mouse), 36.7mL/kg (rat)
<i>55406-53-6 3-Iodo-2-propynylbutylcarbamate</i>	Oral LD50 1470mg/kg (rat); Dermal LD50 >2000mg/kg (rat); Inhalative LC50/4h >6.89mg/l (rat)
<i>102-71-6 2,2,2"-nitritotriethanol</i>	Oral LD50 8000mg/kg (rat)
<i>89-78-1 menthol</i>	Oral LD 50 3180mg/kg (rat)
<i>24851-98-7 methyl 3-oxo-2-pentylcyclopentaneacetate</i>	Oral LD 50 >5000mg/kg (rat)
<i>110-98-5 1,1'-oxydipropan-2-ol</i>	Oral LD50

Primary Irritant Effect:

On the Skin: Irritating effect possible.

On the Eye: Irritating effect possible.

Sensitization: Possible.

Additional Information:

The product is not subject to classification according to internally approved calculation methods for preparations. When used/handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION XII - ECOLOGICAL INFORMATION

Water hazard Class 1 (*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.

SECTION XIII - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all state, local and federal regulations.

SECTION XIV - TRANSPORT INFORMATION

No data

SECTION XV - REGULATORY INFORMATION

No data

SECTION XVI - OTHER INFORMATION

Date of Preparation: August 2015

Disclaimer:

The information provided in this SDS is correct and is to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in text.