

Statguard®フロアマットクリーナー

MODEL: 10443 取扱説明書

文書番号 TBJ-3057

DESCO ASIA

DESCO JAPAN 株式会社

<はじめに>

この度は、Statguard®フロアマットクリーナーをお買い上げいただき誠にありがとうございます。本製品は、埃や油脂、垢、靴跡等の汚れを静電気対策マットから取り除き、マットの特性を維持するための無害なノンシリコンクリーナーです。クリーナーは、フロアマットの表面が軽く湿る程度にスプレーし、糸くずの出ない平らなモップで乾くまでモップ掛けします。本製品には、マット本体にダメージを与えたり、マットの ESD 特性を損なう可能性があるアルカリやアンモニア等の化学薬品は含まれません。また本製品は、カリフォルニア大気資源委員会の VOC 要件を満たしており、不燃性なので電子機器製造エリアでも使用でき、作業者が触れても安全です。



ご注意

- (1)本書の内容を無断転載することは禁止されています。
- (2)本書の内容に関しては将来予告なしに変更することがあります。
- (3)本書の内容について万全を期して作成致しましたが、万一ご不審な点や誤り、記載もれ等お気づきの事がありましたら、ご連絡下さい。

<特性>

- ・ビニール製およびゴム製のフロアマット用の液体クリーナー
- ・使用後のすすぎは必要なく、簡単に使用できます。
- ・ノンシリコン
- ・マットにダメージを与える薬品は含まれません。
- ・CARB VOC 基準に準拠し、不燃性かつ無害です。

<使用方法>

1. モップやほうきを使ってマット上の塵や埃を取り除きます。
2. わずかに湿る程度にスプレーを吹きかけます。
3. 糸くずの出ない平らなモップで乾くまでモップ掛けします。

すすぎは必要ありません。頑固な汚れには再度スプレーしてください。

<仕様>

溶媒	水・アセトン・アルコール
毒性・刺激感応性	皮膚との接触や吸入による中毒性なし
燃焼性	NFPA および OSHA に則り“不燃性”と分類され、燃焼区分 3
イオンレベル(mg/L)	フッ化物 0.3
	硫酸塩 0.5 未満
	硝酸塩 1.2
	臭化カリウム 0.5 未満
	リン酸塩 0.5 未満
電気的特性	$1 \times 10^7 \sim 1 \times 10^9 \Omega$
(乾燥被覆)	(ANSI/ESD S4.1 参照)
静電気減衰時間	0.01 秒未満
	(FTMS 101C4046 法に準拠)

<テスト>

フロアマットは、仕様範囲内であるかどうかを確かめるために ESD TR53 に則り ANSI/ESD S20.20 適合性検証テストの一環としてテストする必要があります。弊社には、フロアマットや他の表面をテストするための様々な種類の[表面抵抗測定器](#)がございます。

<保管>

本製品には使用期限はありません。化学薬品は、Safety Date Sheet(次ページ)に記載された温度環境下で保管すれば、時間経過とともに性能が低下することはありません。コンテナで保管し、使用しない際は封じることをお勧め致します。

Safety Data Sheet

May be used to comply with ANSI Z400.1-2004, 29 CFR 1910.1200, Regulation (EC) No 1272/2008 (CLP Regulation) and GHS. Standards must be consulted for specific requirements.

Revision Date: 2017-04-03

NFPA Designation 704

Degree of Hazard

4 = Extreme

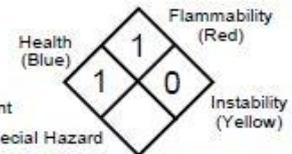
3 = High

2 = Moderate

1 = Slight

0 = Insignificant

Special Hazard



HMIS RATING: Health 1, Flammability 1, Physical Hazard 0, Personal Protection B

SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product Name: Statguard® Floor Mat Cleaner
EC No.: None
REACH Registration No.: None
CAS No.: None

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

Identified use: Antistatic Mat Cleaner

1.3 Details of the supplier of the safety data sheet

Manufacturer: Desco Industries, Inc.
One Colgate Way.
Canton, MA 02021
781-821-8370
Email Address: Service@DescoIndustries.com

1.4 Emergency telephone number

Emergency Number: 781-821-8370

SECTION 2 — HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Flammable liquid	Category 2
Eye irritation	Category 2
Specific target organ toxicity (Single exposure)	Category 3

2.2 Label elements

Symbol: Flame, Exclamation mark.

Signal word: Danger.

Hazard statement: (H225): Highly flammable liquid and vapour.
(H319): Causes serious eye irritation.
(H336): May cause drowsiness or dizziness.

Precautionary statements: (P210): Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
(P240): Ground/bond container and receiving equipment.
(P241): Use explosion-proof electrical/ventilating/lighting equipment.
(P242): Use only non-sparking tools.
(P261): Avoid breathing dust/fume/gas/mist/vapours/spray.
(P264): Wash hands thoroughly after handling.
(P271): Use only outdoors or in a well-ventilated area.
(P280): Wear protective gloves/protective clothing/eye protection/face protection.
(P303 + P361 + P353): IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
(P304 + P340 + P312): IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
(P305 + P351 + P338): IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P337 + P313): If eye irritation persists: Get medical advice/attention.
(P403 + P235): Store in a well-ventilated place. Keep cool.
(P233): Keep container tightly closed.
(P405): Store locked up.
(P501): Dispose of contents/container in compliance with all Federal, National and Local laws and regulations.

2.3 Other hazards

N/A

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Ingredients	CAS No.	Weight %
Isopropanol	67-63-0	5-25%

3.2 Mixtures

N/A

SECTION 4 — FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact	Flush with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash with soap and water. If skin irritation occurs: Get medical advice/attention.
Ingestion	Drink several glasses of water. DO NOT induce vomiting. Contact a physician.
Inhalation	Move subject to fresh air.

4.2 Most important symptoms and effects, both acute and delayed

N/A

4.3 Indication of any immediate medical attention and special treatment needed

N/A

SECTION 5 — FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media	Water
Unsuitable Extinguishing Methods	N/A

5.2 Special hazards arising from the substance or mixture

N/A

5.3 Advice for firefighters

In the event of fire wear self-contained breathing apparatus.
Cool containers with water.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wearing protective clothing. Inhalation protection. Extinguish all ignition sources.

6.2 Environmental precautions

Biodegradable.

6.3 Methods and materials for containment and cleaning up

Contain and collect material into plastic container. Water rinse and drain, flush small amounts. Use sanitary landfill disposal. Follow national and local regulations (RCRA; Subtitle D).

If Material is Released/Spilled: Keep spectators away. Contain spill with inert material (e.g. sand, earth). Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

6.4 Reference to other sections

See SECTION 13, Disposal Considerations, for information regarding the disposal of contained spills.

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for safe handling

Use in well-ventilated areas; avoid breathing vapors. Keep containers closed when not in use. Avoid from freezing.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry place with adequate ventilation. Keep from freezing - product may coagulate.

Storage temperature: Max. 49°C/120°F 1°C/34°F

7.3 Specific end uses

N/A

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

TLV-value 400 ppm maximum for Isopropanol.

Hazardous Ingredients	CAS No.	TLV-value
Isopropanol	67-63-0	400 ppm

8.2 Exposure controls

Technical Control Measures	Preferences of technical measure to prevent or control contact with the product. Isolating process and personnel, mechanical ventilation (dilution and local exhaust) and the regulation of process conditions. In case of non-prevention or non-control, a proper protective wearing should be used.
Hygiene Measures	Wash hands before eating, smoking, or using washroom facilities

Individual protection measures

Eye/Face Protection	Safety glasses or Chemical splash goggles as defined in ANSI Z-87.1 or a similar standard.
Skin Protection	No precautions other than clean body covering clothing should be needed.
Hand Protection	Impervious/Neoprene Gloves.
Respiratory Protection	Wear MSHA/NIOSH approved respirator where exposure limits are exceeded.
Ingestion	Use good personal hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Clear violet
Odor:	Floral Alcohol
Odor Threshold:	N/A
pH:	6.0-8.0
Melting Point:	N/A
Boiling Point:	>200°F (93.3°C)
Flash Point:	106°F (41°C)
Evaporation rate:	0.28
Flammability:	Classification according to NFPA and OSHA as "non-flammable". Flammable Category 3 according to EU and GHS.

Upper flammability or explosive limits:	N/A
Lower flammability or explosive limits:	N/A
Vapor Pressure (mm Hg):	18.0
Vapor Density (air=1):	1.06
Relative Density:	8.17 lbs./gal at 20°C
Specific Gravity (H2O = 1) :	0.98
Solubility:	Completely
Partition coefficient:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Viscosity:	N/A
Explosive properties:	N/A
Oxidizing properties:	N/A

9.2 Other information

VOC per Method 24 of EPA: 1% VOC by wt.

SECTION 10 — STABILITY AND REACTIVITY

10.1 Reactivity

N/A

10.2 Chemical stability

Stable product at normal conditions.

10.3 Possibility of hazardous reactions

N/A

10.4 Conditions to avoid

Temperatures above 100°F (38°C) and below 34°F (1°C)

10.5 Incompatible materials

Strong Oxidizers.

10.6 Hazardous decomposition products

Thermal decomposition may yield carbon monoxide.

SECTION 11 — TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

All information refers to the main component Isopropanol

Acute toxicity: None known.

Special Effects: None known.

SECTION 12 — ECOLOGICAL INFORMATION

12.1 Toxicity

N/A

12.2 Persistence and degradability

N/A

12.3 Bioaccumulative potential

Not likely.

12.4 Mobility in soil

The product is aqueous and will be separated in aqueous conditions.

12.5 Results of PBT and vPvB assessment

N/A

12.6 Other adverse effects

N/A

12.7 Additional information

No environmental hazards have been reported or known.

SECTION 13 — DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Product: Contain and collect material into plastic container. Water rinse and drain, flush small amounts. Use sanitary landfill disposal. Follow state and local regulations (RCRA; Subtitle D).

13.2 Additional information

N/A

SECTION 14 — TRANSPORT INFORMATION

This product is not classified for transport under ADR/IMDG regulations.
This product is not classified as a flammable liquid according to DOT and IATA transportation standards and is not regulated as such.

14.1 UN Number	N/A
14.2 UN proper shipping name	N/A
14.3 Transport hazard class(es)	N/A
14.4 Packing group	N/A
14.5 Environmental hazards	N/A
14.6 Special precautions for user	N/A
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	N/A

SECTION 15 — REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Physical/Chemical Indication Non-flammable (NFPA and OSHA), Flammable (EU and GHS)

The below items are listed and subjected to the reporting requirements of the SARA Title III Section 313 Inventory of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR37:

CAS Number: 67-63-0 with maximum weight 25%

EINECS Status	All components are included in the EINECS Inventories.
TSCA	All ingredients of this product are listed or are excluded from the listing on the U.S. Toxic substance.
REACH	This product does not required REACH registration.

15.2 Chemical Safety Assessment

N/A

SECTION 16 — OTHER INFORMATION

HMIS RATING	Health 1, Flammability 1, Reactivity 0, Personal Protection B
NFPA RATING	Special Hazard: N/A, Health: 1, Flammability: 1, Instability: 0
SDS Updated	2017-04-03

Disclaimer

OTHER INFORMATION: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

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- (2) 当社以外で行われた修理、改造等による故障。
- (3) 火災、天災、地震等による故障。
- (4) 使用環境、メンテナンスの不備による故障。

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- * 本保証内容は、日本国内においてのみ有効です。

機器に明らかなる不良がある場合については、下記内容を当社にご連絡下さい。

- | | |
|--------------------|-----------------|
| 1) 機種名または、品番 | 4) ご購入年月日 |
| 2) 製品シリアルナンバー | 5) 御社名、部署名、担当者名 |
| 3) 不良内容(できるだけ具体的に) | 6) 連絡先 |

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DESCO ASIA

DESCO JAPAN 株式会社

〒289-1143

千葉県八街市八街い 193-12

Tel: 043-309-4470

<http://www.descoasia.co.jp/>