MATERIAL SAFETY DATA SHEET

Section 1 Product Identification

1.1	Product Name - Mercury glass cylinder cndle 10cm Astd
1.2	Chemical Name-vanilla
1.3	Article number and barcode- 30236384;5054077487252
1.4	
1.5	Product use-candle
1.6	Supplier's Name-Stalwart home styles
1.7	Supplier's Address-
1.8	Emergency Phone-09810039327
1.9	Other-09870978663

Section 2 Hazard Identification

2.1	Hazard Identification: *The mixture contains no 'Substance of very hig concern' (SVHC) as stipulated by the European Chemicals Agency (ECHA).Under Article 57 of the REACH Regulation 1907/2006/EC. The mixture does not meet the criteria for PBT/vPvB mixtures in compliance with Annex XIII of REACH Regulation No additional Hazard known if used properly.1907/2006/EC.*						
2.2	Routes of entry	Inhalation		Absorption		Ingestion	
2.3	Effects of exposure Ingestion: may cause vomit sensation. Eyes: *may cause irritation in eyes* Skin May cause an allergic skin reaction Inhalation: *may cause breathing problem*						
2.4	Symptoms of Over exposure Ingestion: may cause vomit sensation Eyes: *may cause irritation in eyes* Skin: May cause an allergic skin reaction Inhalation: problem in breathing						
2.5	Acute Hearth Effects Ingestion:N.A Eyes:N.A Skin:N.A Inhalation:N.A.						
2.6	Chronic Health Effects No dangerous reaction known under conditions of normal use						
2.7	Target organsN.A.						
2.8	Toxicological Properties: no data available						
NA= Not Available ND= Not Determined NE= Not Established NF = Not Found C= Celling Limit							

MATERIAL SAFETY DATA SHEET

Section 3 Composition& Ingredient Information

Chemical Name(s)	CAS No.	RTECs No.	EINECS No.	%	Exposure Limits in Air (mg/m2)								
					ACGIH		NOHSC			OSHA			Other
					ppm		ppm			ppm			
					TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	TLV	STEL	IDLH	
CDL/ASI-X746735/MOD4													

Section 4 First Aid Measures

4.1	Frist Aid: Ingestion: *Do not induce vomiting; call for medical help immediately* Eyes: *Rinse opened eye for several minutes under running water* Skin: *Immediately wash with water and soap and rinse thoroughly* Inhalation: *Supply fresh air and to be sure call for a doctor*
4.2	Medical Conditions aggravated by expose: *If health disorder happens, call for medical help immediately. Immediately remove any clothing soiled by the product*

5. Firefighting Measures

5.1	Flashpoint & method: *Wear self-contained respiratory protective device; Cool endangered receptacles with water spray; Dispose of fire debris and contaminated fire fighting water in accordance with official regulations*				
5.2	Auto-ignitionTemperature: N.A.				
5.3	Flammability limits	Lower explosive limit (LEL)	N.A.	Upper explosive limit (UEL)	N.A.
5.4	Extinguishing methods: ***Suitable extinguishing agents:*** *CO2, alcohol resistant foam, powder, water spray.* ***For safety reasons unsuitable extinguishing agents:*** *Water with full jet*				
5.5	Firefighting Procedures: *Wear self-contained respiratory protective device*				
Additional information: *Cool endangered receptacles with water spray.* *Collect contaminated fire fighting water separately. It must not enter the sewage system.* *Dispose of fire debris and contaminated fire fighting water in accordance with official regulations*					

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Section 6. Accidental release measures

6.1	Spills: *Keep ignition source away, do not smoke and avoid flames;*
6.2	Any other forms of release: *Do not allow to penetrate the ground/soil.* *Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water*

Section 7. Handling &storage information

7.1	Work & Hygiene practices: *Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care*
7.2	Storage & handling: *Avoid naked flames, sparking and sources of ignition*
7.3	Special precautions: *Ensure that workrooms are adequately ventilated*
7.4	AdditionalInformation: *Do not eat, drink or smoke* *while working.*

Section 8. Exposure controls & personal protection

8.1	Ventilation & engineering controls:					
8.2	Respiratory protection *Suitable respiratory protection: filter class A2 (brown colour). Use the rules for application of respiratory protection systems*					
8.3	Eye protection *Tightly sealed goggles according to EN 166:2001*					
8.4	Hand protection *Preventive skin protection by use of skin-protecting agents is recommended*					
8.5	Body protection *Protective work clothing*	**HEALTH**				
		FLAMMABILITY				
		PHYSCIAL HAZARDS				
		SPECIAL EQUIPMENT				

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Section 9. Physical & chemical properties

9.1	Density	N.A.
9.2	Boiling point	N.A.
9.3	Melting point	N.A.
9.4	Evaporation rate	N.A.
9.5	Vapourpressure	N.A.
9.6	Molecular weight	
9.7	Appearance& colour	*Colourless to pale yellow*
9.8	Odour threshold	N.A.
9.9	Solubility	***Water -:*** *Insoluble* ***Alcohol:*** *Soluble*
9.10	pH	N.A.
9.11	Viscosity	02
9.12	Other information	

Section 10. Stability & reactivity

10.1	Stability: *The product is chemically stable.*
10.2	Hazardous Decomposition products: *No decomposition if used according t the specifications or under recommended conditions of use*
10.3	Hazardous polymerization: *No dangerus reactions known*
10.4	Conditions to avoid *Avoid important temperature changes and humid environments.* *Product is not selfigniting; but in case of unpropitious storing conditions (air admission, heat accumulation)* *selfignition is possible for moistened solids (e.g. cloth, pulp, filter panels, binder). May react violently with oxidising agents*
10.5	Incompatible substances: *No further relevant information available*

Section 11. toxicological information

11.1	Toxicity data: *Not Determined* Mixture: *Not Determined*	
11.2	Acute toxicity: *Not Determined*	
11.3	Chronic toxicity *Not Determined*	
11.4	Suspected toxicity *Not Determined*	
11.5	Reproductive toxicity *Not Determined*	
	Mutagenicity *Not Determined*	
	Embryo toxicity *Not Determined*	

	Teratogenicity *Not Determined*	
	Reproductive toxicity *Not Determined*	
11.6	Irritancy of product *Not Determined*	
11.7	Biological exposure indices *Not Determined*	
11.8	Physician recommendations *Not Determined*	
11.9	Additional information *Not Determined*	

Section 12. Ecological information

12.1	Environmental stability *Not Determined*
12.2	Effect on plants & animals *Not Determined*
12.3	Effect on aquatic life *Not Determined*

Section 13. Disposal consideration

13.1	Waste Disposal *Dispose of in accordance with all federal, state and local environmental regulations*
13.2	Special Considerations recycling is preferred to disposal or burning

Section 14. Transportation information

The basic description (ID number, proper shipping name, hazard class & division, packing group) is shown for each mode of transport. Additional descriptive information may be required by 49 CFR. IATA/ICAO, IMDG, TDGR, SCT and ADGR

14.1	**49 CFR (GND)** *Not Regulated*	
14.2	**IATA (AIR)** *Not Regulated*	
14.3	**IMDG (OCN)** *Not Regulated*	
14.4	**TDGR (Canadian GND)** *Not Regulated*	
14.5	**ADR/RID (EU)** *Not Regulated*	
14.6	**Mexico (SCT)** *Not Regulated*	
14.7	**ADGR (AUS)** *Not Regulated*	

Section 15. regulatory information

15.1	U.S EPA SARA reporting requirements : no data available
15.2	U.S EPA SARA Threshold planning quantity: no data available
15.3	U.S EPA TSCA Inventory Status: no data available
15.4	U.S EPA CERCLA reportable quantity (RQ) : no data available
15.5	Other U.S Federal Requirements: no data available
15.6	Other regulations *Comply with the rules and regulations of skin protection*
15.7	U.S State regulatory Information: no data available

15.8	67/548/EEC (EuropeanUnion) and Australia NOHSC:2011 (2003) requirements *The product has been classified and marked in accordance with EU Directives/ Ordinance on Hazardous Materials*

	**MATERIAL SAFETY DATA SHEET**

Section 16. Other information

16.1	Other information:
16.2	Terms & definitions: Please refer to last page.
16.3	Disclaimers:
16.4	Prepared for: dun elm
16.5	Company full address:

	**MATERIAL SAFETY DATA SHEET**

Definitions of terms

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

General information	
CAS No.	Chemical abstract service number ***UIL139585***
Exposure limits in the air	
ACGIH	American conference on governmental industrial hygienists
TLV	Threshold limit value
OSHA	U.S occupational safety and health administration
PEL	Permissible exposure limit
IDLH	Immediately dangerous to life and health
Frist Aid measures	
CPR	Cardiopulmonary resuscitation- method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

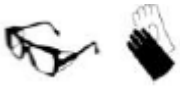
Hazardous materials identification systems: HMISH

Health, Flammability & reactivity ratings

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

	Hazard rating
HEALTH	
FLAMMABILITY	
PHYSICAL HAZARDS	
Personal Protection	

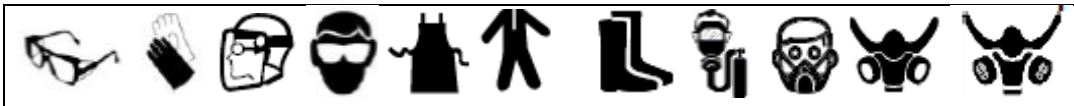
Personal Protection Ratings:

A		**G**	
B		**H**	
C		**I**	
D		**J**	
E		**K**	
F	 **applicable**	**X**	**Consult your supervisor or S.O.P for special handling directions.**

Dunelm	**MATERIAL SAFETY DATA SHEET**
Definitions of terms	

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

Personal Protection ratings:



Saftey glasses	Gloves	Face shield &eye protection	Splash goggles	Synthetic Apron	Full suit	Boots	Airline Hood/ mask	Full face respirator	Vapor respirator	Dust & vapor respirator

Note: The dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.

Flammability limits in air	
Auto ignition temperature	Minimum temperature required to initiate combustion in air with no other source of ignition.
LEL	Lower explosive limit- lowest percent of vapour in air, by volume that will explode or ignite in the presence of an ignition source.
UEL	Upper explosive limit- highest percent of vapour in air, by volume, that will explode or ignite in the presence of an ignition source.

Other Standard abbreviations:	
NA	Not available
NR	No results
NE	Not established
NF	Not found
ND	Not determined
ML	Maximum limit
SCBA	Self- contained breathing apparatus

Dunelm

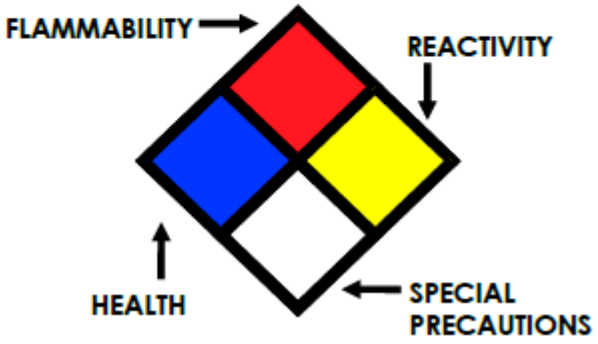
MATERIAL SAFETY DATA SHEET

Definitions of terms

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

National fire protection association: NFPA
Hazard ratings

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W_	Use no water
OX	Oxidizer



Toxicological information	
LD 50	Lethal dose (solids & liquids) which kills 50% of the exposed animals
LC 50	Lethal concentration (gases) which kills 50% of the exposed animals
ppm	Concentration expressed in parts of material per million parts
TD 10	Lowest dose to cause a symptom
TCL0	Lowest concentration to cause a symptom
TD10, LD10& LD0 or TC, TC0, LC10, & LC0	Lowest dose (or Concentration) to cause lethal or toxic effects
IARC	International agency for research on cancer
NTP	National toxicology program
RTECS	Registry of toxic effect chemical substances
BCF	Bio concentration factor
TLm	Median threshold limit
Log Kow or Log Koc	Coefficient of oil/water distribution

Definitions of terms

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

Regulatory information	
CPR	Canada's controlled product regulations
DOT	U.S. Department of transport
EPA	U.S Environmental protection agency

EU	European Union (European union directive 67/548/EEC)
DSL	Canadian domestic substance list
MAK	Mandat und die arbeitsweise der commission (work ares commission)
NDSL	Canadian non- domestic substance list
NOHSC	National occupational health & safety code (Australia)
PSL	Canadian Priority substances list
TC	Transport Canada
TSCA	U.S toxic substance control act
WHMIS	Canadian workplace hazardous material information system

EC Information Xi

							
C	**E**	**F**	**N**	**O**	**T+**	**Xi**	**Xn**
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

WHMIS Information D2

							
A	**B**	**C**	**D1**	**D2**	**D3**	**E**	**F**
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive