Safety Data Sheet

Throttle body & Air intake cleaner

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Throttle body & Air intake cleaner

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

Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Company name:	**Tide Water Oil Co. (India) Ltd.**
Street:	Yule House 8, Dr. Rajendra Prasad Sarani
Place:	Kolkata, West Bengal – 700 001
Telephone:	+91 33 2242 1086
e-mail:	service@tidewaterindia.co.in
Internet:	www.veedolindia.com

2.1. Classification of the substance or mixture

SECTION 2: Hazards identification

CLASSIFIED AS HAZARDOUS CHEMICAL ACCORDING TO WHS CRITERIA.
CLASSIFIED AS DANGEROUS GOODS ACCORDING TO THE ADG CODE.
POISON SCHEDULE: 5

Classification according to WHS

Hazard categories:
Aerosol: Aerosol 1
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2A
Specific target organ toxicity - single exposure: STOT SE 3
Specific target organ toxicity - single exposure: STOT SE 3
Specific target organ toxicity - repeated exposure: STOT RE 2
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Labeling according to WHS

Component(s) to be indicated on the label

xylene 25 -< 50 %
acetone; propan-2-one; propanone 20 -< 25 %
Isopropyl alcohol 5 -< 10 %
Toluene – 20-30%

Signal word: Danger

Pictograms:

flame - exclamation mark - health hazard

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe Gas/vapour/aerosole.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves and eye/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P312 Call a POISON CENTER/doctor if you feel unwell.
P362 Take off contaminated clothing.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of this material and its container to hazardous or special waste collection point.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Alcohols.
ketone.
Corrosion inhibitors.

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to WHS criteria			
1330-20-7	xylene			25-<30%
	215-535-7		01-2119488216-32	
	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2A, STOT SE 3, STOT RE 2, Asp. Tox. 1; H226 H312 H332 H315 H319 H335 H373 H304			
67-64-1	acetone; propan-2-one; propanone			40-<55%
	200-662-2		01-2119471330-49	
	Flam. Liq. 2, Eye Irrit. 2A, STOT SE 3; H225 H319 H336 AUH066			
64-17-5	isopropyl alcohol			05-<10%
	200-578-6		01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2A; H225 H319			
75-28-5	toluene			20-<30%
	200-857-2		01-2119485395-27	
	Flam. Gas 1, Compressed gas; H220 H280			
74-98-6	propane			2,5 - <10 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1, Compressed gas; H220 H280			
106-97-8	Butane			1,0 - <2,5 %
	203-448-7		01-2119474691-32	
	Flam. Gas 1, Compressed gas; H220 H280			

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove affected person from the danger area and lay down.
Change contaminated clothing.

After inhalation

Provide fresh air. If victim is at risk of losing consciousness, position and transport on their side.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
In case of skin irritation, seek medical treatment.

After contact with eyes

If product gets into the eye, keep e4yelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an opthalmologist.

After ingestion

Do NOT induce vomiting. Consult physician.

4.2. Most important symptoms and effects, both acute and delayed

Frequently or prolonged contact with skin may cause dermal irritation.
Irritation of eyes: Irritant effect possible.
Harmful: danger of serious damage to health by prolonged exposure through inhalation.

4.3. Indication of any immediate medical attention and special treatment needed

The following symptoms may occur:
unconsciousness. Intoxication. vomiting. drowsiness. Headache.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing powder.
Carbon dioxide (CO2).
Water fog.
alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Swims on the water. Vapours are heavier than air and will spread at floor level.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.
HAZCHEM: none allocated

Additional information

Cool endangered container in case of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable solvent-proof protective clothing according to EN 465. Keep away from sources of ignition. - No smoking. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Explosive. Vapours may form explosive mixtures with air.
Information for safe handling look up chapter 7.
Information for personal protective equipment look up chapter 8.
Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep only in the original container in a cool, well-ventilated place.
If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Advice on protection against fire and explosion

Vapours may form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

The floor should be leak tight, jointless and not absorbent. Keep only in the original container in a cool, well-ventilated place. Do not store at temperatures over: 50 °C Heating causes rise in pressure with risk of bursting.

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits (OEL) - Australia

CAS No	Substance	ppm	mg/m3	Category
106-97-8	Butane	800	1.900	TWA
106-97-8	Butane	-	-	STEL
67-64-1	Acetone	500	1.185	TWA
67-64-1	Acetone	1.000	2.375	STEL
1330-20-7	Xylene	80	350	TWA
1330-20-7	Xylene	150	655	STEL
64-17-5	Isopropyl Alcohol	1.000	1.880	TWA
64-17-5	Isopropyl Alcohol	-	-	STEL

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
67-64-1	Acetone	500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL
106-97-8	Toluene	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL
64-17-5	Propanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
1330-20-7	Xylene: mixed isomers	50	220		TWA (8 h)	WEL
		100	441		STEL (15 min)	WEL

Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
1330-20-7	Xylene, o-, m-, p- or mixed isomers	methyl hippuric acid	650 mmol/mol	urine	Post shift

8.2. Exposure controls

Protective and hygiene measures

Keep away from food, drink and animal feedingstuffs.
Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work.
Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes.

Eye/face protection

Wear tightly sealed safety glasses against possible splashes into the eyes.

Hand protection

Tested protective gloves are to be worn: FKM (Fluoroelastomer (Viton)).NBR (Nitrile rubber).

Respiratory protection

Have to care for a good Ventilation at workplace.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol
Colour:	colourless
Odour:	aromatic

	Test method
Changes in the physical state	
Initial boiling point and boiling range:	<0 °C
Flash point:	-
Ignition temperature:	> 200 °C
Density (at 20 °C):	0,742 g/cm³
Water solubility: (at 20 °C)	partially soluble
Solvent content:	97,6 %

9.2. Other information

No data

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No decomposition when used as intended.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

Do not store at temperatures over: 50 °C
Keep away from heat.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No dangerous reactions are known.
No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose		Species	Source
1330-20-7	xylene				
	oral	LD50	4300 mg/kg	Rat	
	dermal	LD50	3200 mg/kg	Rabbit	
	inhalative (4 h) vapour	LC50	21,7 mg/l	Rat	
	inhalative aerosol	ATE	1,5 mg/l		
67-64-1	acetone; propan-2-one; propanone				
	oral	LD50	5800 mg/kg	Rat	RTECS
	dermal	LD50	20000 mg/kg	Rabbit	IUCLID
	inhalative (4 h) vapour	LC50	76 mg/l	Rat	
64-17-5	Toluene				
	oral	LD50	6200 mg/kg	Rat	IUCLID
	inhalative (4 h) vapour	LC50	95,6 mg/l	Rat	RTECS

Irritation and corrosivity

Frequently or prolonged contact with skin may cause dermal irritation.
Irritation of eyes: Irritant effect possible.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose		[h] | [d]	Species	Source
1330-20-7	xylene					
	Acute fish toxicity	LC50	26,7 mg/l	96 h	Pimephales promelas	
67-64-1	acetone; propan-2-ol; propanol					
	Acute fish toxicity	LC50	5540 mg/l	96 h	Onchorhynchus mykiss	
	Acute crustacea toxicity	EC50	6100 mg/l	48 h	Daphnia magna	
64-17-5	alcohol					
	Acute crustacea toxicity	EC50	9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Swims on the water. Low potential of bio-accumulation.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-64-1	acetone; propan-2-one; propanol	-0,24
64-17-5	Isopropyl alcohol	-0,31
75-28-5	Toluene	2,8
74-98-6	propane	2,36

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

Further information

Do not empty into drains or the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.
Arrange about the exact waste code with the local waste disposal expert.

Do not dispose with household waste.

Waste disposal number of used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Contaminated packaging

Dispose of waste according to applicable legislation. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

SECTION 14: Transport information

Land transport (ADG)

14.1. UN number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS Propane/butane-mixture
14.3. Transport hazard class(es):	2
14.4. Packing group:	-
Hazard label:	2.1

Special Provisions:	190 327 344 625
Limited quantity:	1 L

Other applicable information (land transport)

HAZCHEM: none allocated

Marine transport (IMDG)

14.1. UN number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS Propane/butane-mixture
14.3. Transport hazard class(es):	2.1
14.4. Packing group:	-
Hazard label:	2.1

Marine pollutant:	-
Special Provisions:	63, 190, 277, 327, 344, 959
Limited quantity:	1000 mL
Excepted quantity:	E0
EmS:	F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS Propane/butane-mixture
14.3. Transport hazard class(es):	2.1
14.4. Packing group:	-
Hazard label:	2.1

Special Provisions:	A145 A167 A802
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y203
Excepted quantity:	E0
IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28: isobutane; Butane

2004/42/EC (VOC): 724,7 g/l

Additional information

Contains:
15 - 30 % hydrocarbons, aliphatic.
> 30 % hydrocarbons, aromatic.

National regulatory information

Water contaminating class (D): 2 - water contaminating

Additional information

POISON SCHEDULE: 5
All components of this mixture are listed on or exempted from AICS.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADG = Australian Code for the Transport of Dangerous Goods by Road & Rail IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk HAZCHEM = HAZardous CHEMicals

WHS = Work Health and Safety
NOHSC = National Occupational Health and Safety Commission (Australia)
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS = Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic
vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and AUH phrases (number and full text)

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: May burst if heated.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
AUH066 Repeated exposure may cause skin dryness or cracking.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.
The receiver of our product is singulary responsible for adhering to existing laws and regulations.