

Deodorization of Living Odors

Product

FTN-103-LLST-3

Product Description

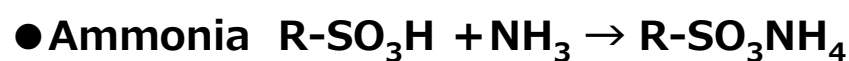
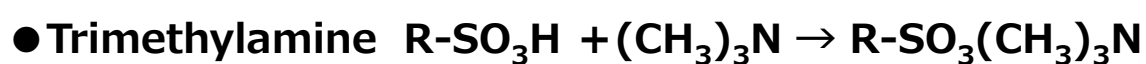
Purpose	Deodorization of bad living odors. Ammonia (Perspiration/Fatigue Smells), Acetic Acid (Perspiration Smell), 2-Nonenal (Aging Smell), Methyl Mercaptan (Foul Breath), Diallyl Methyl Sulfide (Garlic Smell), Dimethyl Trisulfide (Stress/Foul Breath Smells)
Application	Using by spraying and/or applying to living goods and base materials.
Targets	Clothing, Curtain, Interior, Wall Sheet, Bedding Apparatus, Auto-mobile: Spray directly or placing dried impregnated paper sheet and/or non-woven fabric sheets.
Storage	Store in cool and dark place.
Remarks	Do not spray against persons and animals.
Direction	Spraying: Dilute in Twentyfold or up with pure water or pure water/ethanol mix. Sheet: Use undiluted or diluted liquid.

Technical Description

Form	Liquid
Color	Pale White Cloudy – Pale Yellowish White Cloudy
Main Comp.	Cation and Anion Components, Purified Water and others About 15%
NVM	< 10%
pH	6.0~7.0
Viscosity	1.5~9.5mPa·sec

Alkaline Odors

Ammonia : Urine Odor
Trimethylamine: Fish Odor



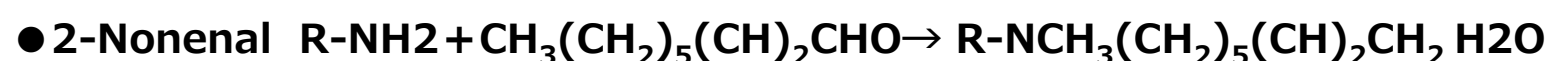
Acid Odors

Acetic Acid : Sweat Odor
Valeric Acid: Socks Odor



Aldehyde Odors

Acetaldehyde: Hangover odor
: Cigarette Odor
2-Nonenal : Aging Odor



Evaluation of Deodorizing Effect FTN-103-LLST-3 (Diluted in twentyfold)

	Ammonia	Acetic Acid	2-Nonenal	Methyl Mercaptan	Diallyl Methyl Sulfide	Dimethyl Trisulfide
	Sweat Fatigue	Sweat	Aging	Mouth Breath	Garlic Mouth Breath	Stress Mouth Breath
immediate	0	1	2	0	0	0
30 min.	0	2	2	0	0	0
1 hour	0	2	1	0	0	0

◆ Deodorizing Evaluation Table (Indicating Odor Intensity in 6 Levels)

0	1	2	3	4	5
Odorless	Very Weak Odor (Detectable) Detective Threshold	Weak Odor (Distinguishable) Cognitive Threshold	Easily Detectable	Strong Odor	Extremely Strong Odor

Evaluation of Deodorizing Effect FTN-103-LLST-3 (Diluted in Thirtyfold)

◆ [Test Method] Test methods were in conformity to Japan Textile Evaluation Technology Council and Air Freshness & Deodorizers Conference

Ammonia (Alkaline Odors)
Cigarette, Toilet, Excreta

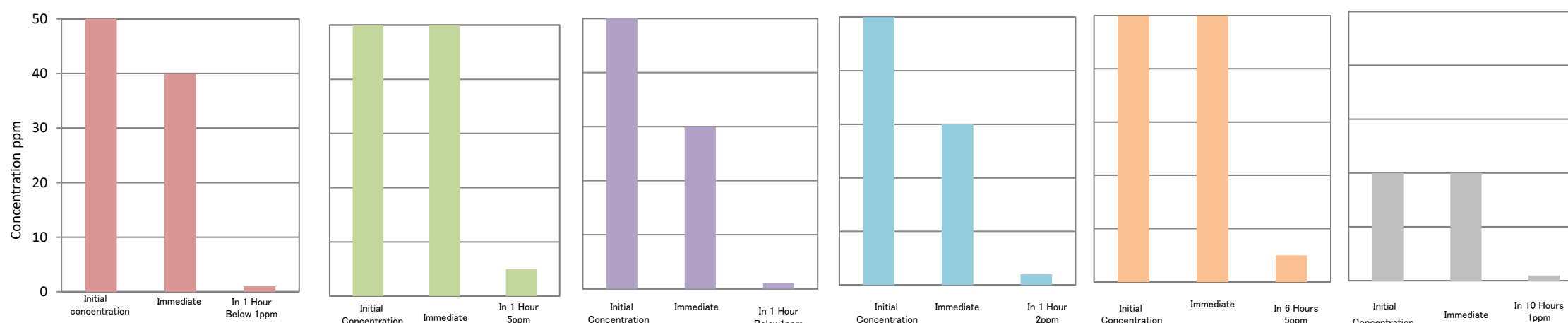
Trimethylamine (Alkaline Odors)
Fish & Rotten Fish

Acetic Acid (Acid Odors)
Cigarette, Body

Isovaleric Acid (Acid Odors)
Foot, Socks, Shoes

Acetaldehyde (Aldehyde Odors)
Cigarette

2-Nonenal (Aldehyde Odors)
Aging Smells



Supervision: AIREX Co., Ltd.,
The Tokai University Academic-Industrial collaboration Testing Laboratory

Above data are obtained by our laboratory and are considered as accurate, however, recommend for review and check the final usage and conditions prior to using for actual purposes.

GRAFTON INC.

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