

Deodorizing PET Odors

Product

FTN-103-LLST-5NW

For 5 Fold Dilution (Spray Use)



Product Description

Purpose	Deodorization of bad living odors. Urine Odor, Faces Odor (Ammonia, Acetaldehyde, Butyric Acid, etc.) Odor from skins (Nonenal)
Storage	Store in cool and dark place.
Remarks	Do not spray against persons and animals.
Direction	Dilute with pure or tap waters to Fivefold or up.

Technical Description

Form	Liquid
Color	Semi-transparent
NVM	<10%
pH	6.0~7.0
Viscosity	1.0~1.5mPa·sec

Alkaline Odors

Ammonia : Urine Odor
Trimethylamine: Fish Odor

- Trimethylamine $R-SO_3H + (CH_3)_3N \rightarrow R-SO_3(CH_3)_3N$
- Ammonia $R-SO_3H + NH_3 \rightarrow R-SO_3NH_4$

Acid Odors

Acetic Acid : Sweat Odor
Valeric Acid: Socks Odor

- Acetic Acid $R-NH_2 + CH_3COOH \rightarrow NH_3COOCH_3$
- Isovaleric Acid $R-NH_2 + CH_3(CH_2)_3COOH \rightarrow NH_3COOCH_3(CH_2)_3$

Aldehyde Odors

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

- Acetaldehyde $R-NH_2 + CH_3CHO \rightarrow R-NCH_2CH_2 + H_2O$
- 2-Nonenal $R-NH_2 + CH_3(CH_2)_5(CH)_2CHO \rightarrow R-NCH_3(CH_2)_5(CH)_2CH_2 H_2O$

Evaluation of Deodorizing Effect FTN-103-LLST-5NW (Diluted in Fivefold)

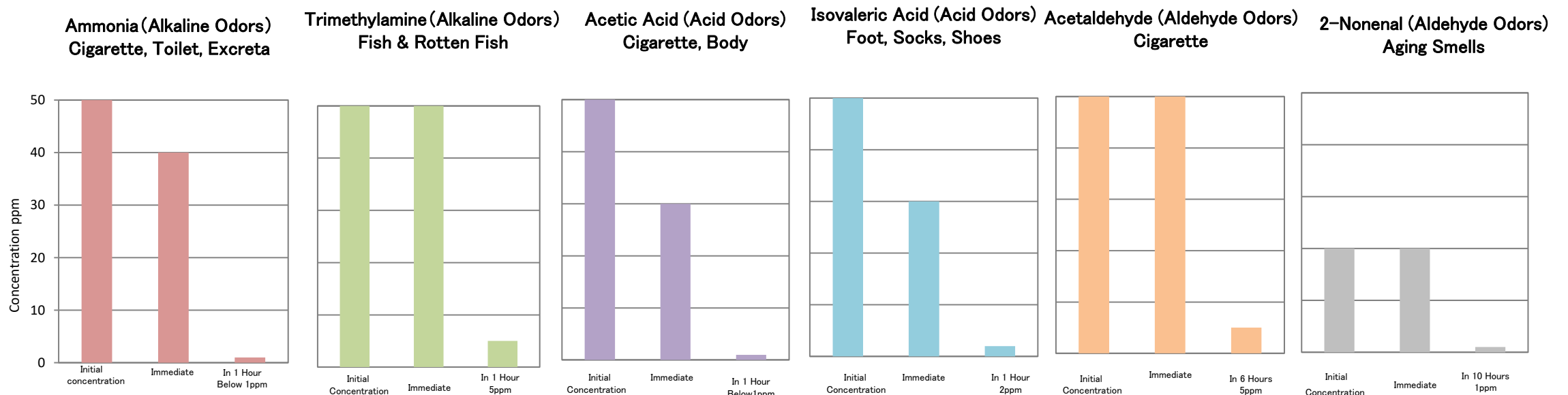
	Ammonia	Acetic Acid	2-Nonenal	Methyl Mercaptan	Diallyl Methyl Sulfide	Dimethyl Trisulfide
	Sweat Fatigue	Sweat	Aging	Mouth Breath	Garlic Mouth Breath	Stress Mouth Breath
Immediate	0	1	1	0	0	0
30 min.	0	1	1	0	0	0
1 hour	0	0	0	0	0	0

◆ 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-5 (Diluted in Fivefold)

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



**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.

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